

1964

PUBLIC HEALTH
REPORTS

FOR THE

Borough of Newark
Southwell Rural District
Newark Rural District

(NOTTS. C.D.)

BY

H. D. B. NORTH, M.Sc., M.B., Ch.B., D.P.H., A.R.C.S., A.R.I.C.
The Medical Officer of Health for the Area

Reports of Public Health Inspectors appended



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BOROUGH OF NEWARK

Mayor:

Councillor W. K. BICKERSTAFFE, C.C., J.P.

Town Clerk: J. H. M. GREAVES, M.A.

Public Health Committee :

Alderman A. E. WHOMSLEY, B.E.M. (Civ.), J.P. (*Chairman*)

Alderman J. A. MARKWICK

Alderman G. R. WALKER

Councillor J. R. WILKINSON

Councillor A. E. HEALEY

Councillor A. G. HINE

Councillor R. H. LAMB

Councillor (Mrs.) K. A. QUIBELL

Public Health Staff of the Authority :

(as at 31st December, 1964)

Medical Officer of Health :

H. D. B. NORTH, M.Sc., M.B., Ch.B., D.P.H., A.R.C.S., A.R.I.C.

Public Health Inspectors :

J. CATLOW, M.A.P.H.I., M.R.S.H., Cert. R.S.I. and S.I.J. Board,
R.S.I. Meat I. Cert. (*Chief Public Health Inspector*)

J. TAYLOR, M.A.P.H.I., Cert. R.S.I. and S.I.J. Board, R.S.I. Meat I. Cert.

C. CLARKE, M.A.P.H.I., Cert. R.S.I. and S.I.J. Board, R.S.I. Meat I. Cert.,
Smoke Inspectors Cert.

Clerical Staff :

G. W. ROSSINGTON, B.E.M.(Mil.) – Chief Clerk

Mrs. B. M. BUSH

County Council Staff :

Medical Officer of V. and I. Clinics

G. S. BUCHANAN, M.B., Ch.B., D.P.H.

Health Visitors :

Miss B. K. P. BROWN, S.R.N., S.C.M., H.V. Cert.

Miss V. OXTOPY, S.R.N., S.C.M., H.V. Cert.

Clerical Staff:

Mrs. M. ALLINSON

Miss J. SPENCER

Borough of Newark

Statistical Summary for 1964

Population	..	..	..	..	..	..	24,780
Birth rate per 1,000 population	..	(corrected)	18.6	(18.4)			
Death rate per 1,000 population	..	(corrected)	12.3	(11.3)			
Infantile mortality rate per 1,000 births	..	..	21.9	(20.0)			
Area of Borough	..	..	..	..	..	3,364 acres	
Number of inhabited houses at the end of 1964	..	7,879 houses					
		plus 162 houses and shops					
Rateable Value	..	..	..	..	..	£892,109	
Sum represented by penny rate	..	..	..	£3,580			

The figures in brackets refer to the whole country - England and Wales.

Tel: Newark, 3255 and 2508

Public Health Department,
The Friary,
Appletongate,
Newark.

5th August, 1965

To the Mayor, Aldermen and Councillors of the Borough of Newark

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in submitting my Annual Report on the Health and Health Services for the year 1964. The health of the Borough has remained very satisfactory.

The population figure shows an increase of 110 over the figure for 1963. The birth rate has increased and the births likewise, the death rate has fallen. Infantile mortality has increased and is somewhat above the national figure for England and Wales. This figure tends to rise and fall markedly owing to the size of the area, thus a small population tends to have a fluctuating figure compared with the steadier figure of larger populations. This is shown by the increase in the rate from 18.3 per 1,000 births to 21.9 but the number of deaths are 8 and 10 respectively.

By the same argument, the illegitimate birth percentage has dropped from 8.2% of the total live births to 7.0%, but the number of illegitimate births has only dropped from 36 to 32.

Once again there are no maternal deaths to be reported and this very gratifying factor is due to the excellent medical and midwifery service provided by the General Practitioners and Midwives functioning in the District, the Staff of the Maternity Wing of the Newark General Hospital, and allied hospitals of the Sheffield Regional Hospital Board.

Generally speaking, the figures given under the Vital Statistics compare very favourably with those for England and Wales. There has been, however, an increase in the Infant Mortality Rate and the Neo-Natal Mortality Rate compared with the previous year. A study of the causes of death shows that all cases were due to conditions where very little if any preventive action can take place, and it will be noted that the neo-natal cases, i.e., those within the first four weeks of birth were in the majority. The perinatal rate was higher than in 1963, this rate being those that died in the first week of life combined with the stillbirth figures. The figures for perinatal deaths are significant in that they are the fourth commonest cause of death, thus there are six deaths in under one week of life and six stillbirths. This is no cause for complacency and is a national subject for research. The perinatal rate for Newark is 26.0 compared with a figure of 28.2 for England and Wales.

The causes of death during 1964 follow the pattern of heart disease as the commonest, followed by cancerous conditions and then respiratory diseases. The combined figures for each of these classes is, however, less than that for 1963, although the total number of deaths is only very slightly lower. Again the number of cases of cancer of the lung is half that of the previous year — a very satisfactory trend if it is kept up. The Lincs. Mass Radiography Unit will be visiting the town again in November/December 1965, and it is hoped that the downward trend of lung cancer will be reflected in the results. Motor vehicle accidents are a high percentage of all causes of death compared with the national average, viz.; 2.4% for the Borough compared with 1.1% for England and Wales in 1962. It is to be hoped that this figure will be reduced with the new by-pass to the town. In the case of all other accidents, the Borough is well below the national average.

During 1964, infectious diseases were very quiescent although there was an increased number of sporadic cases of mild scarlet fever, these cases occurring chiefly in the 1st quarter of the year. There has also been an increase in the number of cases of Whooping Cough, mainly in the latter part of the year. Measles followed the usual pattern of biennial drop in numbers. Early 1965 immediately showed a large increase in the cases of this disease. During 1964 a trial vaccine to prevent measles has been tried out and depending upon the results of this research it is to be hoped that a vaccine will be generally available before the next epidemic occurs in the latter part of 1966 and early 1967.

It will be noted that there were two male and one female deaths from tuberculosis. In March 1964 one young man died from this disease. He had insisted that he was well, and only in the very late stages of the disease was medical aid sought but it was too late. Investigation of his near contacts revealed five more cases amongst three families related to him. Investigation of contacts at work brought no further cases to light. In May, 1965, a lady died in somewhat similar circumstances, viz: refusal to be examined until it was too late for any treatment to be of any use. If only such cases had attended the Mass Radiography Unit six months previously when it visited the Borough such loss of life might have been prevented, and also less medical investigation etc., of contacts.

The clinics for vaccination and immunisation have continued during the year and the figures of completed courses of protection show an upward trend. The figures for vaccination against small-pox have increased but there is still need for vast improvement. It will be noted that parties of schoolchildren are being protected against typhoid and paratyphoid fevers when they proceed abroad, and recent experiences in this country emphasise the wisdom of the precaution.

The vaccination of schoolchildren against tuberculosis has continued, and the number of acceptances remains approximately the same. I would like to see an improvement in these figures. The test is simple and painless, and provides very valuable information to the department. The number of negative reactors has increased and approaches the national figure, and it is assumed that preventive measures in the past, e.g., pasteurisation of milk supplies etc., is beginning to show up in the figures for the younger generation coming along.

Fortunately, there has been no need to take proceedings under Section 47 of the National Assistance Act, 1948. There were two cases under review during the year but it was not necessary to take action.

I am very grateful for the co-operation which is taking place between the staffs of the Newark District of the Central Notts. Water Board, the exchange of information and the results of samples taken is beneficial to both sides. Up to the present no further action has transpired on the Fluoridation of local Water Supplies. Water Authorities generally have been holding their hands pending the High Court action concerning the Watford Water Authority. However, the decision of the Judicial Committee of the Privy Council in the case of the New Zealand Government would appear to have settled the question of the safety of the fluoridation of water supplies. It is to be hoped that Water Authorities will now follow the lead of the Birmingham Corporation and commence fluoridation of supplies.

Work on Slum Clearance continued and an Official Representation was made on No. 17 Clearance Area (Nos. 10, 11, 12, 13, and 15, Guildhall Street). The work on the Albert Street Clearance Area was started and the redevelopment was taking shape at the end of the year. One cannot help but marvel at the change from worn out property to modern living accommodation.

In the 1963 report, I remarked upon the start of the building of the Junior Training Centre for the Mentally Handicapped Children provided by the County Health Authority. This centre was opened during 1964 by the Minister of Health and the Unit has flourished ever since. It is unique in that it has a hostel for 12 weekly boarders. Altogether the centre is serving the area around Newark and is providing a most excellent service that has long been needed. The Centre enables parents of these children to have respite during the daytime, as well as training the children in useful work and habits.

During 1964, the Family Planning Clinic, a branch of the Family Planning Association, continued to flourish in its accom-

modation at the Health Department, providing a service to the community. It is a completely voluntary organisation and during the year attendances continued to grow. Since the end of 1964 a further service has been augmented for its clients — it is the investigation of cervical smears for cancer of the womb. This will be a very valuable contribution to preventive health measures. The Local Health Authority has received the blessing of the Ministry of Health to offer such investigations together with that of cancer of the breast to women, and it is to be anticipated that such clinics will be started in the very near future for Newark and the near neighbourhood.

The work of the Public Health Inspectors has carried on during the year and is dealt with in the report of the Chief Public Health Inspector. During the year the Council approved the inclusion of a pupil health inspector on the establishment of the department, and it is to be hoped that a suitable candidate will soon be available. There is a big shortage of Public Health Inspectors in the country generally and if the Borough can train a pupil it will be a help towards alleviating this state, particularly as there are excellent facilities available.

Once more I have much pleasure in thanking all Officers and Staffs of all Departments of the Corporation for all their help and assistance during the year, and especially all members of the staff of the Health Department for their loyal co-operation. I would like to include in these remarks the County Medical Officer and his Staff for their help, and in enabling me to complete my report with information supplied by their departments. Finally I would like to express my sincere thanks to all members of the Council, and particularly to the Chairman of the Health Committee and its members, for all their valuable advice and help during 1964.

Yours sincerely,

H. D. B. NORTH

Vital Statistics for the Year 1964

BIRTHS						<i>Total</i>	<i>Males</i>	<i>Females</i>
Live Births	..	..	..	..	..	457	216	241
Legitimate	..	..	..	..	..	425	201	224
Illegitimate	..	..	..	..	..	32	15	17

Birth rate per thousand estimated population 18.4 Crude, Corrected 18.6

Illegitimate live births per cent of total live births 7.0

Still Births	..	..	..	..	..	6	6	—
Legitimate	..	..	..	..	..	5	5	—
Illegitimate	..	..	..	..	..	1	1	—

Still Birth Rate per 1,000 total (live and still) births 13.0

Still Birth Rate per 1,000 population 0.24

DEATHS	<i>Total</i>	<i>Males</i>	<i>Females</i>
	287	145	142

Death Rate per thousand estimated population Crude Rate 11.2

Corrected Rate 12.3

INFANT MORTALITY (under 1 year of age)

						<i>Total</i>	<i>Males</i>	<i>Females</i>
Number of deaths	..	..	..	..	..	10	6	4
Legitimate	..	..	..	..	..	9	5	4
Illegitimate	..	..	..	..	..	1	1	—

(under 4 weeks of age)

Number of deaths	..	..	..	..	..	7	4	3
Legitimate	..	..	..	..	..	6	3	3
Illegitimate	..	..	..	..	..	1	1	—

(under 1 week of age)

Number of deaths	..	..	..	..	..	6	5	1
Legitimate	..	..	..	..	..	5	3	2
Illegitimate	..	..	..	..	..	1	1	—

Infant Mortality Rates

All infants per 1,000 births 21.9

Legitimate infants, per 1,000 legitimate live births 21.2

Illegitimate infants, per 1,000 illegitimate live births 31.2

Neo Natal (first four weeks) mortality rate per 1,000 live births 15.3

Early Neo-Natal mortality rate (deaths under 1 week) per 1,000 total live births 13.1

Perinatal mortality rate (still births and deaths under 1 week combined) per 1,000 total live and still births 26.0

MATERNAL MORTALITY

NIL

COMPARATIVE FIGURES

	<i>Newark Borough</i>	<i>England and Wales</i>
Live Birth Rate per 1,000 population	18.6	18.4
Still Birth Rate per 1,000 (live and still) births ..	13.0	16.3
Death Rate per 1,000 population	12.3	11.3
Infantile Mortality Rate (per 1,000 live births) ..	21.9	20.0
Neo Natal Mortality Rate (per 1,000 live births) ..	13.1	13.8

Notes on Vital Statistics

Population. The Registrar General's estimated population increased by 110 during the year to the new figure of 24,780.

Births. Show an increase of 21 over the 1963 figure – 457 as against 436 in 1963.

Illegitimate Births decreased to 32 as against 36 in 1963.

Birth Rates for the last 10 years :—

<i>Year</i>		<i>Birth Rate</i>	<i>Year</i>		<i>Birth Rate</i>
1955	.. ..	17.4	1960	.. ..	18.3
1956	.. ..	17.3	1961	.. ..	17.1
1957	.. ..	17.4	1962	.. ..	19.5
1958	.. ..	17.5	1963	.. ..	17.9
1959	.. ..	17.9	1964	.. ..	18.6

Although there was an increase in birth rate over the previous year it was only .2 above the national average for England and Wales.

Illegitimate births for the past 10 years

1955	.. ..	27	1960	.. ..	21
1956	.. ..	25	1961	.. ..	37
1957	.. ..	24	1962	.. ..	28
1958	.. ..	21	1963	.. ..	36
1959	.. ..	21	1964	.. ..	32

Deaths. The number of deaths registered was 287, a decrease of 3 compared with 1963, and the death rate of 12.3 is 1.0 above the national average.

Causes of death are given in the table at the end of the notes.

Maternal Mortality

No death due to pregnancy, childbirth or abortion was recorded.

Infant Mortality

10 infants under 1 year of age died during the year, an increase of two compared with 1963. 5 died within the first 24 hours of birth.

	<i>Causes of death</i>	<i>Place of death</i>	<i>Age</i>	<i>M.</i>	<i>F.</i>
1	Meningitis II Bronchopneumonia				
	IIb Subnormality	Hospital	6 months	1	
1a	Hyaline Membrane Disease	Hospital	3 days	1	
1a	Gross Prematurity	Hospital	3 hours	1	
1a	Prematurity	Hospital	6 hours	1	
1a	Bronchopneumonia (b) Removal of Neuroblastoma of neck	Hospital	4 months		1
1a	Prematurity	Hospital	1 hour		1
1a	Prematurity	Hospital	4 hours		1
1a	Prematurity	Hospital	9 hours	1	
1	Acute Toxic Bronchiolitis	Hospital	3 months	1	
1a	Cardiac Failure (b) Congenital Heart Disease	Hospital	3 weeks		1

Population

The natural increase in population, i.e., the excess of births over deaths was

<i>Year</i>		<i>Natural Increase</i>	<i>Year</i>		<i>Natural Increase</i>
1955	.. ..	105	1960	.. ..	166
1956	.. ..	80	1961	.. ..	124
1957	.. ..	92	1962	.. ..	169
1958	.. ..	94	1963	.. ..	146
1959	.. ..	129	1964	.. ..	170

Causes of Death at Different Periods of Life during 1964

Cause of Death	Sex	Total All Ages	Under 4 weeks	4 weeks and under 1 year	Age in Years										
					1-	5-	15-	25-	35-	45-	55-	65-	75 and over		
Tuberculosis, Respiratory	M	2	—	—	—	1	—	—	—	1	—	—	—	—	—
Tuberculosis, Other	F	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infections	M	1	—	—	—	—	1	—	—	—	—	—	—	—	—
Other Infective and Parasitic Diseases	M	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm Stomach,	M	3	—	—	—	—	—	—	—	—	1	—	—	—	—
	F	3	—	—	—	—	—	—	—	—	2	1	—	2	1
Malignant Neoplasm, Lung, Bronchus	M	8	—	—	—	—	—	—	—	—	2	5	—	1	—
Malignant Neoplasm, Breast	F	4	—	—	—	—	—	—	—	1	2	—	3	7	—
Other Malignant and Lymphatic Neoplasms	M	16	—	—	—	—	—	—	—	1	2	4	1	8	—
	F	14	—	1	—	—	—	—	—	—	1	1	1	—	2
Leukaemia, Aleukaemia	F	2	—	—	—	—	—	—	—	—	—	—	—	3	—
Vascular Lesions of Nervous System	M	25	—	—	—	—	—	—	—	1	2	2	1	—	18
	F	42	—	—	—	—	—	—	—	—	2	2	1	5	35
Coronary Disease, Angina	M	25	—	—	—	—	—	—	—	1	2	9	2	8	5
	F	20	—	—	—	—	—	—	—	—	1	2	—	5	12
Hypertension with Heart Disease	F	2	—	—	—	—	—	—	—	—	1	—	—	1	1
Other Heart Disease	M	10	—	—	—	—	—	—	—	—	—	—	—	2	6
	F	14	—	—	—	—	—	—	—	—	—	—	—	1	12
Other Circulatory Disease	M	3	—	—	—	—	—	—	—	—	—	—	—	—	3
	F	4	—	—	—	—	—	—	—	—	—	—	—	1	3
Influenza	M	6	—	—	—	—	—	—	—	—	—	—	—	1	4
	F	12	—	—	—	—	—	—	—	—	—	—	—	2	10

<i>Cause of Death</i>	<i>Sex</i>	<i>Total All Ages</i>	<i>Under 4 weeks</i>	<i>4 weeks and under 1 year</i>	<i>Age in Years</i>								
					1-	5-	15-	25-	35-	45-	55-	65-	75 and over
Pneumonia	M	6	—	1	—	—	—	—	—	—	1	—	4
Bronchitis	F	7	—	—	—	—	—	—	—	2	—	2	3
Ulcer of Stomach and Duodenum	M	8	—	—	—	—	—	—	—	—	1	4	3
Gastritis, Enteritis, and Diarrhoea	F	3	—	—	—	—	—	—	—	—	—	1	2
Nephritis and Nephrosis	M	3	—	—	—	—	—	—	—	1	—	—	3
Hyperplasia of Prostate	M	1	—	—	—	—	—	—	—	—	—	—	2
Congenital Malformations	F	1	—	—	—	—	—	—	—	—	—	—	1
Other Defined and Ill-Defined Diseases	M	1	—	—	—	—	—	1	—	—	—	—	1
Motor Vehicle Accidents	F	11	1	—	—	—	—	—	—	—	2	2	—
All Other Accidents	M	9	4	—	—	1	—	—	1	—	1	1	2
Suicide	F	6	2	—	—	—	2	—	—	1	—	—	1
	M	1	—	—	—	—	—	1	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	1	—	—
TOTAL ALL CAUSES	M	145	4	2	1	—	3	4	5	10	28	34	54
	F	142	3	1	2	1	—	—	3	6	7	32	87

INFECTIOUS DISEASES, 1955—1964

Year	Scarlet Fever	Whooping Cough	Acute Poliomyelitis	Measles	Diphtheria	Dysentery	Meningococcal Infection	Pneumonia	Acute Encephalitis	Typhoid/Paratyphoid Fevers	Erysipelas	Food Poisoning	Pulmonary Tuberculosis	Other forms of Tuberculosis	Puerperal Pyrexia	Total
1955	17	81	2	584	—	3	—	10	1	—	4	—	25	3	1	733
1956	9	78	1	11	—	3	—	17	—	—	6	—	16	2	—	143
1957	8	3	3	384	—	—	—	21	—	—	3	—	31	3	1	457
1958	8	35	—	197	—	7	1	17	—	—	2	—	27	3	—	297
1959	91	20	—	36	—	7	—	25	—	—	—	1	8	2	1	191
1960	47	10	—	38	—	25	—	6	—	—	1	1	16	—	—	144
1961	4	3	—	493	—	7	—	9	2	—	2	2	7	1	1	531
1962	8	—	—	1	—	1	2	5	—	—	—	—	9	5	—	31
1963	14	9	—	509	—	6	—	8	—	—	1	1	7	3	—	558
1964	54	25	—	19	—	5	—	1	—	—	1	—	8	—	—	113

TUBERCULOSIS

New Cases and Mortality during 1964

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1 to 5	—	—	—	—	—	—	—	—
5 to 10	—	—	—	—	—	—	—	—
10 to 15	1	—	—	—	—	—	—	—
15 to 20	2	—	—	—	1	—	—	—
20 to 25	—	—	—	—	—	—	—	—
25 to 35	—	—	—	—	—	—	1	—
35 to 45	1	1	—	—	1	1	—	—
45 to 55	1	—	—	—	—	—	—	—
55 to 65	1	1	—	—	—	—	—	—
65 & upwards	—	—	—	—	—	—	—	—
Total ..	6	2	—	—	2	1	1	—
Total for previous year	4	3	1	2	5	1	—	—

- (1) Non-notified deaths: Pulmonary Tuberculosis .. Nil
Non-Pulmonary Tuberculosis .. Nil

Public Health (Prevention of Tuberculosis) Regulations 1925

No action has been necessary under these Regulations.

Public Health Act, 1936. Section 172

No action has been necessary under the above heading.

Vaccination and Immunisation

The following vaccinations and immunising injections have been given during the year.

Diphtheria, Whooping Cough and Tetanus

	<i>Primary</i>		<i>Booster Injections</i>		<i>Total</i>	
	1964	1963	1964	1963	1964	1963
By Public Health Dept.	312	338	522	420	834	758
By General Practitioners	75	58	63	31	138	89

Smallpox Vaccination

	1964	1963
By Public Health Department	186	106
By General Practitioners	42	29

Poliomyelitis Vaccination

	<i>Sabin "Oral" Vaccine</i>	
	1964	1963
Children born in 1964	44	—
Children born in 1963	245	48
Children born in 1962	34	270
3rd and 4th doses	275	311
	Totals	598
		629

Typhoid and Paratyphoid Fevers – Inoculations

5 parties of Schoolchildren proceeding on holiday abroad were inoculated with typhoid and paratyphoid vaccine – Total No. injections 209.

B.C.G. (Tuberculosis) Vaccination of Schoolchildren

	1964	1963
No. of acceptances	484	477
No. tested	458	439
No. negative	312	230
No. positive	133	189
No. failed to attend after testing	13	20

It was pleasing to note that the 'negative' rate this year is well above the rate for 1963.

The 'positive' pupils were all offered x-ray appointments, fortunately, none revealed any signs of tuberculosis. A number of children had repeat x-rays and the odd case or so was referred back to their own doctor for other chest irregularities.

National Assistance Act, 1948, Section 47

No action has been necessary under the above during the year.

Information supplied by other departments relevant to the health of the District.

Water

Particulars of extensions of water mains carried out during the year:-

<i>Location</i>	<i>Size</i>	<i>Length</i>
Parkway Estate, Hawton Road	6"	476 yards
Parkway Estate, Hawton Road	4"	234 yards
Parkway Estate, Hawton Road	3"	78 yards
Albert Street Flats	4"	76 yards
Albert Street Flats	3"	6 yards
Devon Gardens	6"	402 yards
Devon Gardens	4"	60 yards
Private Street	3"	16 yards
		1,348

New Properties connected during year – 88.

Bacteriological Examinations

No. of samples taken	..	..	..	11
Satisfactory	..	..	..	11

Chemical Analysis

No. of samples taken	..	..	..	3
Satisfactory	..	..	..	3

The water was satisfactory in quality and quantity. Supplies are chlorinated and the water has no plumbo-solvent action.

Water – Outdoor Bathing Pool

The following information has been supplied by the Borough Surveyor.

This pool was constructed in 1934. The accommodation consists of 78 dressing cubicles with two communal dressing rooms. There are 320 clothes lockers and 50 baskets, foot baths and toilets. There is also a sun bathing lawn, children's paddling pool and playground.

Filtration – Water is pumped from the deep end through a strainer box, then after being chemically dosed passes through 2 Bell Bros Sand Filters which ensure a complete change of water every six hours.

From the filters, after being chlorinated, the water re-enters the pool, via the fountain at the shallow end.

Attendances during 1964:	Adult	11,367
	Child	49,444
	School Parties	10,796
	Spectators	11,560

Sewage and Sewage Disposal

During the year the Reconstructed Sewage Works, Stage 1, was opened, comprising the primary settlement tanks and sludge beds.

Pail closets have now been reduced to 58 in number.

Housing

Houses erected during the year:—

By Local Authority	..	..	..	27
By Private Enterprise	..	..	..	49

The number of houses improved with the aid of grants :—

(a) By Standard Grants	..	..	35
(b) By Discretionary Grants	..	..	17

The following information on the housing position within the Borough has been supplied by the Housing Manager.

<i>Waiting List</i>	1964	1963
Families without separate homes	177	80
Families without separate homes living outside the Borough	36	24
Families with separate homes living inside the Borough	329	275
Families with separate homes living outside the Borough	84	63
Single persons	116	115
H.M. Forces	48	36
Total	790	593

Housing Progress 1963

New houses occupied	31	91
Relets of existing houses	150	171
Mutual exchanges	38	29
Families in Prefabs	28	28

Houses owned by Local Authority 3094 3063

Nottinghamshire County Council Act, 1951

No. of hawkers of food and their premises registered under Section 147	8
No. of hairdressers and barbers registered under Section 155	40

NOTTINGHAMSHIRE COUNTY COUNCIL

Health Department

Notes for the Annual Report of the Medical Officer of Health, 1964 Newark Municipal Borough

Clinics

1. Public Health Department, Appleton Gate, Newark.

Child Welfare Sessions

Weekly—Tuesday, 2.0 to 4.30 p.m.	Medical Officer
Weekly—Thursday, 2.0 to 4.30 p.m.	alternate weeks

Ante-Natal Sessions

Weekly—Monday, 2.0 to 4.30 p.m.	No Medical Officer Midwives' Clinic
---------------------------------	--

School Clinic Sessions

Friday, 9.30 a.m. to 12.0 noon	Medical Officer attends weekly 9.30 a.m. to 10.45 a.m.
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Dental Clinic Sessions

A Dental Officer attends as often as possible. Treatment is by appointment only.

2. Child Welfare Centre, Eton Avenue, Hawtonville, Newark

Monday, 2.0 to 4.30 p.m.	Medical Officer alternate weeks
Friday, 2.0 to 4.30 p.m.	Medical Officer alternate weeks

School Clinic Sessions

Friday, 9.30 a.m. to 12.0 noon	Medical Officer attends weekly 11.0 a.m. to 12 noon.
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Child Welfare Session Attendances

	<i>First Attendances during 1964 Children born in</i>			<i>Total Attendances during 1964 Children born in</i>			<i>Medical Consultations Children born in</i>		
	1964	1963	1959-62	1964	1963	1959-62	1964	1963	1959-62
Newark	194	147	88	1688	1068	326	164	153	57
Hawtonville	152	165	123	1418	1289	543	114	123	60

Ante-Natal Session Attendances

	<i>First attendances during 1964</i>	<i>Total attendances</i>	<i>Medical Consultations</i>
Newark (Midwives' Clinic)	255	635	—

Home Nursing

No. of Nurses employed	No. of visits paid	No. of cases attended
*3	*8519	*228

*These figures cover the activities of the Newark District Nursing Association, which serves, in addition to the Newark Borough, the Parishes of Winthorpe, Coddington, Barnby-in-the-Willows and Farndon, in the Newark Rural District.

Ambulance Facilities

The ambulance requirements of the Borough are, in the main, covered by the vehicles and personnel of the Newark Main Station. Details for 1964 are as follows :—

Patients carried	..	..	..	..	16,324
Mileage involved	..	..	..	..	144,547

Not all these patients resided in the Borough.

Home Help Service

Home Helps are provided by the County Council and are available where domestic help is required owing to the presence of any person who is ill, lying-in, an expectant mother, mentally defective, aged or a child not over compulsory school age.

In maternity cases a Home Help attends daily for two weeks from the birth of the baby, excluding Saturday afternoon and Sunday, and her duties include the ordinary domestic work such as cleaning, cooking, washing, care of children, mending and shopping.

In general cases of sickness or when assisting in the households of old or infirm people, Home Helps undertake such of the above duties as may be necessary. Part-time help can be arranged.

The charge for the service is 4s. 6d. per hour, but where the applicant is unable to afford this amount the County Council's Scale of Assistance is applied.

Cases in need of help should be reported to the District Office at the Town Hall, Newark—telephone number Newark 4824.

ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTORS FOR THE YEAR 1964

Complaints received	..	..	..	..	..	464
Complaints dealt with	..	..	..	..	..	464
Informal notices served (including letters)	..	..				42
Informal notices complied with by the end of the year	..					34
Nuisances abated	..	..	..	..	..	42
Statutory Notices Section 20/24 P.H. Act, 1936	..	..				18
Inspections carried out:						
Housing Inspections	..	..	..	..	..	406
Re-inspections	..	..	..	..	..	318
Butchers shops inspections	..	..	..	..	..	48
Cafes and Snackbars inspections	..	..	..	..	..	32
Restaurant kitchens	..	..	..	..	..	24
Inspections at Slaughterhouses	..	..	..	..	..	590
Inspections at other Food premises (including Ice Cream premises and Shops)	..	..	..	..	..	903
Bakehouses inspection	..	..	..	..	..	12
Knacker Yards inspections	..	..	..	..	..	4
Factory inspections	..	..	..	..	..	97
Inspection of Hairdressers Establishments	..	..	..	..	..	8
Living Vans inspected at Fairs, and at other times	..	..	..	..	..	40
Fish and Chip shop inspections	..	..	..	..	..	13
Visits in connection with Rodent Service	..	..	..	..	..	56
Infectious disease inspections	..	..	..	..	..	68
Staff Canteen inspections	..	..	..	..	..	7
Visits in connection with Rent Act, 1957	..	..	..	..	..	7
Visits to Licensed premises	..	..	..	..	..	8
Smoke observations	..	..	..	..	..	2
Miscellaneous visits	..	..	..	..	..	231
Mobile Shops inspections	..	..	..	..	..	7
Houses treated for insect pests	..	..	..	..	..	8
Wasps nests dealt with	..	..	..	..	..	4
Offices, Shops and Railway Premises Act, 1963 Inspections						430
Work in connection with Drainage and Repairs carried out under the Public Health and Housing Acts 1936-57, following service of Notices						
Houses connected to the sewer	..	..	..	..	..	76
Drains tested	..	..	..	..	..	19
Drains repaired	..	..	..	..	..	11
New Gully traps fitted	..	..	..	..	..	3
Inspection Chambers repaired and renewed	..	..	..	..	..	4
Blocked drains relieved	..	..	..	..	..	27
W.C. cisterns repaired or renewed	..	..	..	..	..	4
Spouting repaired or renewed	..	..	..	..	..	1
New drains inspected	..	..	..	..	..	2
Ceiling repaired	..	..	..	..	..	1

New W.Cs. provided	..	..	..	..	..	1
Staircase repaired	..	..	..	..	..	1
Window frames repaired and renewed	..	..	..	..	..	4
Doors renewed	..	..	..	..	..	6
Water service pipes renewed	..	..	..	..	..	1
New dustbins provided	..	..	..	..	..	7
Inside walls repaired	..	..	..	..	..	1
Roofs repaired	..	..	..	..	..	3
Sewers relaid	..	..	..	..	..	1
Sashcords renewed	..	..	..	..	..	12
Paving relaid	..	..	..	..	..	3

Disinfection/Disinfestation

Houses 18 incorporating 22 rooms

HOUSING

1. Inspection of Dwellinghouses during the year 1964

1. (a)	Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts)	..	..	..	..	406
(b)	Number of inspections made for the purpose					724
2. (a)	Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932	..	..			35
(b)	Number of inspections made for the purpose					52
3.	Number of houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	..	..	..		35
4.	Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	..	..	..		41

2. Remedy of defects during the year without service of formal notices

	Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers			32
--	--	----	----	--	--	----

3. Action under Statutory Powers during the year

1.	Proceedings under the Housing Act, 1957					
(a)	Number of dwellinghouses in respect of which notices were served requiring repairs	..				Nil
(b)	Number of dwellinghouses which were rendered fit after service of formal notices					
(i)	By Owners	..	..	..	..	Nil
(ii)	By Local Authority	..	..	..		Nil

2.	Proceedings under Public Health Acts	Nil
3.	Proceedings under section 16 of the Housing Act 1957	
(a)	Number of dwellinghouses in respect of which Demolition Orders were made	1
(b)	Number of dwellinghouses demolished in pursuance of Demolition Orders	Nil
4.	Proceedings under Section 13 of the Housing Act, 1957	Nil

FOOD INSPECTION

Visits to Slaughterhouses, Shops and Markets ..	Total	1541
Slaughterhouses		590
Shops and Markets		951

Carcases Examined

Bullocks	1699
Heifers	843
Cows	20
Ewes and Rams	108
Sheep	9501
Calves	53
Boars	4
Sows	44
Porkets	4946

Whole Carcases with Viscera and Offal condemned as unfit for human consumption, and sent for salvage

Ewes	32
Sheep	6
Calves	4
Cows	3
Porkets	13
Sows	2
Steers	3
Boars	1

Reason for Condemnation

						Steers	Cows	Sheep	Ewes	Calves	Sows	Boars	Pigs
Arthritis	..	..	..	..	..	1	—	—	—	—	—	—	—
Fevered Mastitis	..	..	..	..	..	—	—	—	2	—	—	—	—
Emaciation	..	..	..	..	..	—	—	—	2	—	—	—	—
Septic Metritis	..	..	..	..	..	—	1	—	6	—	—	—	—
Septicaemia	..	..	..	..	..	—	1	1	—	—	—	—	2
Pregnancy Toxaemia	..	..	..	..	..	—	—	—	7	—	—	—	—
Gastro Enteritis	..	..	..	..	..	1	—	—	1	—	—	—	3
Bruising	..	..	..	..	..	—	—	2	—	—	—	—	—
Decomposition	..	..	..	..	..	—	—	—	3	—	—	1	—
Badly Bled	..	..	..	..	..	—	—	1	2	—	—	—	—
Oedema	..	..	..	..	..	—	—	1	5	—	—	—	—
Pneumonia Septic	..	..	..	..	..	—	—	—	1	1	—	—	1
Acute Septic Pleurisy	..	..	..	..	..	—	—	—	1	—	—	—	—
Medicine Taint	..	..	..	..	..	—	—	1	—	—	—	—	—
Leukaemia	..	..	..	..	..	—	—	—	1	—	—	—	—
Johne's Disease	..	..	..	..	..	—	1	—	—	—	—	—	—
Black Quarter	..	..	..	..	..	1	—	—	—	—	—	—	—
Immaturity	..	..	..	..	..	—	—	—	—	2	—	—	—
Uraemia	..	..	..	..	..	—	—	—	—	—	1	—	1
Septic Peritonitis	..	..	..	..	..	—	—	—	—	—	—	—	3
Multiple Abscesses	..	..	..	..	..	—	—	—	—	—	—	—	1
Jaundice	..	..	..	..	..	—	—	—	—	—	—	—	1
						3	3	6	31	3	2	1	13

In addition the following part carcasses were also condemned and sent for salvage.

Viscera and Offal Destroyed

Beast	Lungs	..	228	Livers	..	524
	Heads and Tongues		17	Mesenteries	..	9
	Hearts	..	10	Part Livers	..	263
	Thick Skirts		2	Spleens	..	10
	Udders	..	6	Kidneys	..	3
Sheep	Livers	..	124	Plucks	..	5
	Lungs	..	74	Hearts	..	9
	Kidneys	..	74	Intestines	..	1
Pigs	Heads	..	54	Lungs	..	628
	Intestines	..	190	Hearts	..	171
	Livers	..	327	Plucks	..	86
	Mesenteries	..	3	Kidneys	..	23
Total Weight of Meat condemned				3 Tons 7 Cwts. 7 lbs.		
Total Weight of Offal condemned				6 Tons 7 Cwts. 13 lbs.		

Carcases Inspected and Condemned

	<i>Cattle ex- cluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number killed	2542	20	53	9609	4994
Number inspected ..	2542	20	53	9609	4994
All diseases except Tuber- culosis and Cysterci Whole carcases condemned	3	3	4	38	16
Carcases of which some part or organ was con- demned	923	11	9	124	1138
Percentage of the number inspected affected with dis- ease other than tuberculo- sis	36.42	70.0	24.53	1.68	23.1
Tuberculosis only Whole carcases condemned	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemn- ed	Nil	Nil	Nil	Nil	159
Percentage of the number inspected affected with tuberculosis	Nil	Nil	Nil	Nil	3.18
Cysticercosis Carcases of which some part or organ was con- demned	6	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigera- tion	6	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil

General Food Destroyed				<i>Tons</i>	<i>Cwts.</i>	<i>Qrs.</i>	<i>Lbs.</i>
1964	..	..	..	2	9	2	10
1963	..	..	..	1	4	3	9 $\frac{3}{4}$
1962	..	..	..	1	7	2	26 $\frac{1}{4}$
				<i>lbs.</i>			<i>lbs.</i>
Canned Food (excluding				Canned Ham	..		501 $\frac{1}{4}$
Canned Ham)	..	4367		Bacon and Ham	..		472 $\frac{1}{4}$
Frozen Foods	..	58		Frozen Rabbit	..		28
Pork Loin	..	12		Chickens	..	..	106
Ice Cream	..	9 $\frac{1}{2}$					
Frozen Foods		894 items					

FOOD AND DRUGS ACT, 1955

Sampling under the above Act is carried out by the Nottinghamshire County Council. The following information has been supplied by Mr. T. L. E. Gregory, Chief Inspector.

Particulars of samples obtained by the Officers of the Department and examined and/or analysed under the above Act in the Borough during the year ending 31st December, 1964.

<i>Articles</i>	<i>No. of Samples</i>	<i>Result</i>
Almond Marzipan ..	1	Genuine
Apples	1	„
Beef, English Shin ..	1	„
Beef, Scotch	1	„
Blackcurrant Health Drink	1	„
Brandy	1	„
Buns, Cream	1	„
Butter	3	„
Butter Sponge Pudding	1	„
Catarrh and Cough Syrup	1	„
Cherry Wine	1	„
Chocolate Mint Sundaes	1	„
Cough Linctus	2	„
Currants	1	„
Dextrose B.P. Lemonade Powder	1	Ingredients not declared Manufacturer cautioned.
Doughnuts filled with Fresh Cream	1	Genuine
Dripping, Beef	1	„
Fish Cakes	2	„
Gin	5	„
Ice Cream	1	„
Indian Beef Curry ..	1	„
Instant Coffee, decaffeinated	1	„
Invert Sugar	2	„

<i>Articles</i>	<i>No. of Samples</i>	<i>Result</i>
Lemon Curd	1	Contained only 59.75% soluble solids. Should have contained at least 68% soluble solids. Manufacturer cautioned.
Marzipan	1	Genuine
Milk	30	„
Milk, Condensed ..	2	„
Milk Tea Roll	1	„
Mixed Cut Peel ..	1	„
Orange Squash	1	„
Parsley and Thyme Stuffing Mixture	1	„
Pears, Canned	1	„
Pickles, sweet guerkin ..	1	„
“Porridge” Oats ..	1	„
Rum	3	„
Sausage, Pork	2	„
Sausage Meat, Beef ..	1	„
Sherry	1	„
Sponge Mixture	1	„
Sponge Pudding ..	1	„
Steak, Beef	1	„
Steak, Braising	1	„
Steak Pies	1	„
Steak and Kidney Pies ..	2	1 Genuine 1 contained only 21.7% meat. Should have contained at least 25% meat. Manufacturer cautioned.
Steakettes	1	Genuine
Sweets	1	„
Table Jelly	1	„
Travel Sickness Tablets ..	1	„
Whisky	3	„

Miscellaneous Food and Drugs Investigations

1. Bottle of milk containing used bottle cap. Bottlers cautioned.

The Milk (Special Designations) (Pasteurised and Sterilised) Milk Regulations

	<i>Pasteurised</i>	<i>Sterilised</i>
Samples obtained and submitted to prescribed tests	31	6

FACTORIES ACT, 1961

Part 1 of the Act

1. Inspections for purposes of provisions as to health.

<i>Premises</i> (1)	<i>M/c line No.</i> (2)	<i>No. on Reg.</i> (3)	<i>Number of</i>		
			<i>Inspections</i> (4)	<i>Written Notices</i> (5)	<i>Occupiers prosecuted</i> (6)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	15	22	Nil	Nil
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority	2	143	75	5	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority ..	3	3	Nil	Nil	Nil

2. Cases in which defects were found.

(Defects discovered at the premises on two, three, or more separate occasions are reckoned as two, three or more "cases").

<i>Particulars</i> (1)	<i>M/c line No.</i> (2)	<i>Number of cases in which defects were found</i>			
		<i>Found</i> (3)	<i>Remedied</i> (4)	<i>Referred To H.M. Inspector</i> (5)	<i>By H.M. Inspector</i> (6)
Sanitary Conveniences (S.7)	—	—	—	—	—
(b) Unsuitable or defective	10	8	8	—	4
TOTAL ..		8	8	—	4

Housing and Public Administration

During the year under review the redevelopment of Clearance Areas 11 and 12 (Albert Street) was commenced, and as this report is being drafted is rapidly nearing completion, making a very pleasant area in this particular district.

The rehousing of the occupants of the Clinton Street Area was completed and early in 1965 the property was demolished.

Owing to the delays on Areas 11 and 12, and also on Areas 16 and 16A (Sherwood Avenue) action to deal with substandard properties has fallen to a very low figure during 1964, only 10 houses being dealt with as a Clearance Area and 4 houses as individually unfit.

The total number of houses 911 dealt with by the Department since 1955 is still in excess of the 75 per annum which was the figure agreed with the Ministry.

The larger areas of substandard properties have now been dealt with and it is doubtful whether any more Clearance Areas will be necessary. There are still, however, quite a number of houses to be dealt with as individual unfit dwellings.

The number of complaints under general housing administration fell slightly during the year with a corresponding decrease in the number of informal notices served. At the end of the year only 8 of these notices had not been complied with.

Eighteen Formal Notices were served in connection with choked or defective drains, serving more than one premise in different ownerships.

In most cases the work was carried out very speedily by the Corporation Works Department.

Rent Act, 1957

Two certificates of disrepair were issued and three certificates that repairs had been satisfactorily carried out were issued to owners.

Clean Air Act

Complaints of smoke nuisances have been almost non-existent, and those received have been of a very trifling nature and speedily dealt with. Domestic smoke is, however, still with us, but there is an increasing tendency towards central heating by various means, particularly in newly owner/occupier erected houses which should lead to a lessening of atmospheric pollution in a small way.

Food Inspection

The throughput at the Abattoir has increased by just over 1,000 animals but in spite of this amount the out of office hours worked by your Inspectors has dropped lower than in the previous year.

The high quality of stock sent for slaughter again reflects great credit on the local traders and, as in the previous year, a Nil return is submitted of carcasses condemned for Tuberculosis.

The total number of whole carcasses condemned for any cause has, in fact, fallen from 104 in 1963 to 64 in 1964, this is despite the more rigorous inspection which the new Meat Inspection Regulations require.

The incidence of Cysticercosis is more than 50% down on the previous year, but all six carcasses, mentioned in the statistical table, and found to be affected had to be submitted to refrigeration.

Routine inspection of all food premises is having its effect on standards of cleanliness and hygiene, and it is only this constant inspection that will ensure a reasonable standard of cleanliness in food premises generally. Fortunately for the community there are firms and individuals, small local businesses, as well as large nationally known firms, who realise the significance and importance of high standards of hygiene. There are too a minority engaged in the food trades content to follow the standards and practices of years gone by. Food Hygiene need not be difficult or expensive; in essence it means clean shop and premises, clean food, clean clothes, clean persons – all the time. The results are reflected in better trading and improved community health.

Rodent Control

The number of contracts for regular treatments again show an increase and the routine inspection and treatment of all premises has gone on steadily throughout the year with very satisfactory results. A sewer treatment was carried out early in the year and again showed only a slight infestation in certain areas. One area has not shown any infestation for two consecutive years.

The slight infestation of sewers may be due to the treatment of all inspection chambers where a block treatment of properties is being carried out.

Offices, Shops and Railway Premises Act, 1963

Various parts of this Act came into force during the year.

To ensure that all premises were registered the necessary forms were delivered by hand, and lists kept so that the receipt of completed forms could be checked against issues. This resulted in the return of the majority of the forms by the appointed day.

The co-operation of owners and occupiers has in the main been reasonable, but the supply of running hot water for washing purposes appears to be a great obstacle to some who would be quite content to use a gas ring and kettle during business hours, but in private life would scorn such methods.

J. CATLOW

Chief Public Health Inspector

Rural District Council of Southwell

PUBLIC HEALTH COMMITTEE

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Vice-Chairman: Mr. J. F. JUSTICE

Mr. T. E. ODDIE
Mrs. S. PAYTON
Mr. H. SOAR
Mr. F. H. DUGAN
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Mrs. E. H. HARE

Medical Officer of Health

H. D. B. NORTH, M.Sc., M.B., Ch.B., D.P.H., A.R.C.S., A.R.I.C.
Public Health Department, The Friary, Appletongate, Newark

Public Health Inspectors

B. D. HALL, A.R.S.H., Senior Public Health Inspector
R. E. BANKS, Cert. R.S.I. and S.I.J. Board, R.S.I.
Meat I. Cert.

B. J. CAST, Cert. R.S.I. and S.I.J. Board, R.S.I.
Meat I. Cert.

B. DAY, Cert. R.S.I. and S.I.J. Board

Clerical Staff

G. R. CAREY
Miss J. BIRCH

Architect and Surveyor

M. ENGLAND, A.R.I.B.A., Council Offices, Westgate, Southwell

Engineer

K. DYSON, A.M.I.Mun.E., Council Officer, Westgate, Southwell

Clerk to the Council and Chief Financial Officer

S. W. LYNDSEY, Council Offices, 8, Westgate, Southwell, Notts.

RURAL DISTRICT OF SOUTHWELL

STATISTICAL SUMMARY FOR 1964

Population	..	..	..	..	..	49,540
Birth rate per 1,000 population	..	..	..	..	..	17.9 (18.4)
Death Rate per 1,000 population	..	..	..	..	..	10.7 (11.3)
Infantile mortality rate per 1,000 births	..	..	..	..	..	26.7 (20.0)
Area of District	..	..	..	..	..	118,585 acres
Number of inhabited houses at the end of 1964	..	..	..	..	..	15,674
Rateable Value	..	..	..	..	..	£1,758,775
Sum represented by 1d. rate	..	..	..	..	..	£6,955

The figures in brackets refer to those for England and Wales

Tel.: Newark 3255 and 2508

Public Health Department
The Friary,
Appletongate,
Newark.

31st August, 1965

To the Chairman and Members of the Southwell Rural District Council

Sir, Ladies and Gentlemen,

It is with satisfaction that I present the Annual Report on the Health and Health Services of the Southwell Rural District for 1964. The health of the District has remained very satisfactory.

The population of the District has increased once again, by over 1,000 persons from 48,400 to 49,540, these being the estimated mid-year populations for 1963 and 1964; the figures are provided by the Registrar-General. There has been a decrease in the number of births and in the number of deaths. This has resulted in a decrease in the birth and death rates which are now below the national figure.

The infantile mortality rate remains approximately the same as in 1963, and is somewhat higher than the national figure. The number of stillbirths has increased slightly and this has had the effect of increasing the perinatal mortality rate. There were no deaths due to maternal causes. There is a list of deaths in the substance of the Report and amongst the infant cases it will be noted that several cases occurred during the first few hours of birth.

The pattern of causes of death is again that of heart disease, followed by cancer and respiratory diseases. Deaths from motor vehicle accidents have risen slightly, but "all other accidents" have fallen from 11 to 8.

The usual table of infectious diseases for the last 10 years up to 1964 is included. There is little to report, which is a good sign from a preventive medicine point of view, but it will be noted that the figures for measles cases were higher than expected and were due to the increase in cases towards the end of the year heralding the beginning of the 2 yearly epidemic. You will note that no notification of a case of meningococcal meningitis was reported but there was one death from this condition notified in a young baby. Again there were no cases of enteric fever reported although there was an epidemic in Aberdeen. One adult was admitted to Isolation Hospital suspected of this condition, the patient having recently returned from a trip to the South of Europe; this turned out to be infectious jaundice of a very virulent pattern. I cannot stress too strongly the wisdom of seeking protection against typhoid and para-

typhoid fevers for people proceeding abroad. I was pleased to see that cases of tuberculosis had fallen slightly.

The work on prevention of infectious diseases proceeded smoothly as in previous years. The figures for smallpox protection have gone up, but I would like to see a much higher figure. The figures for the "triple" injection against Diphtheria, Whooping Cough and Tetanus have fallen slightly, but the "booster" injections have increased well which improves the overall protection figure. It will be noted that only "Oral" vaccination against Poliomyelitis is now used and the figures are, in my opinion, good. 96 infants born in 1964 were protected, and since this treatment is rarely given before 6-7 months of age this must be a satisfactory acceptance of this preventive measure.

The figures for protection against Tuberculosis have fallen somewhat, and every endeavour is constantly being made to increase this rate. It will be remembered that this measure is offered to all children of 11 years and upwards, and this is carried out with the co-operation of the Education Authority and their Head Teachers.

Unfortunately, during the year I had to seek the removal of an old gentleman under the provisions of Section 47 of the National Assistance Act, 1948. He was living under extreme insanitary conditions, with a number of dogs in the house, and was very much in need of care and attention. His sister had been living with him but, due to illness, had been removed to hospital where she died. Following removal the old gentleman had a fall whilst at the Old Peoples Accommodation, suffered a fractured thigh, and eventually died in hospital. As he had fallen several times at home, a similar catastrophe would almost certainly have occurred at home when help might not have been readily available.

Included for information are the services carried out by the County Council. At the present moment the attendance of Medical Officers at Clinics is being cut down, and the information which is for 1964 is not accurate for the present time. It is felt by the County Council that the Medical Officers time can be more usefully deployed to modern conditions.

A wealth of information about the Local Authorities Health Services appears in the Report of the Senior Public Health Inspector. Under Water Supplies it will be seen that apparently few samples of water have been taken but the Department is continuing to take samples. The Water Authority takes samples regularly, and copies of these reports are forwarded to the Health Department. These analytical reports are supplied by the Central Nottinghamshire Water Board. The quantity and quality of the water supply remains satisfactory and there is no plumbo-solvency. Now that the in-

junction sought against the Corporation of Watford has been withdrawn – this injunction was sought against the fluoridation of the water supply, which has been carried on for several years at the Ministry of Health request – it is to be hoped that the “go ahead” for fluoridation of all water supplies will be given. The injunction was withdrawn following the decision of the Judicial Committee of the Privy Council in favour of the Government of New Zealand in similar circumstances.

Work has continued on Sewerage and Sewage Disposal, and a short note is included from the Council’s Engineer upon progress in the year. The Refuse Collection Service has continued steadily and useful information has been supplied in Mr. Hall’s report. Food inspection has continued, and meat inspection continues at the six licensed premises of slaughterhouses in the district. Whilst the move is for larger and regionalised slaughterhouses, one can only say that the Districts smaller abattoirs are efficiently run with a very “personal” element and produce excellent results.

Observations on air pollution have continued, and for some considerable time monthly sulphur dioxide estimates have been taken at Ollerton in anticipation of the new smokeless fuel plant being constructed there, and which should be coming into operation in the Autumn of 1965. An instrument has also been set up in Winkburn, in a truly rural area with very few habitations.

I would like to express my very sincere appreciation of all the help I have received at all times from all the Chief Officers and Staff of the Council, and particularly Mr. Hall and his department, and my own Staff. I would also include the County Medical Officer and his Staff, Chief Officers and their staffs of the County Council who have so willingly helped this Department during the year. Finally, may I say thank you very much Mr. Chairman, and all Members of the Council for all their advice and assistance during the year.

Yours sincerely,

H. D. B. NORTH

Vital Statistics for the Year 1964

BIRTHS						Total	Males	Females
Live Births	..	..	..	..	..	899	467	432
Legitimate	..	..	..	..	..	859	447	412
Illegitimate	..	..	..	..	..	40	20	20
Birth Rate per 1,000 estimated population						18.1	(Corrected rate 17.9)	
Illegitimate live births per cent of total live births						4.4		
Stillbirths	..	..	..	..	..	21	6	15
Legitimate	..	..	..	..	..	19	6	13
Illegitimate	..	..	..	..	..	2	—	2
Still Birth Rate per 1,000 total (live and still) births						27.0		
Still Birth Rate per 1,000 population						0.4		

DEATHS						Total	Males	Females
Death Rate per 1,000 estimated population						8.9	257	183
						10.7	Crude Rate	
							Corrected Rate	

INFANT MORTALITY (under 1 year of age)						Total	Males	Females
Number of deaths	..	..	..	..	..	24	15	9
Legitimate	..	..	..	..	..	23	15	8
Illegitimate	..	..	..	..	..	1	—	1
(under 4 weeks of age)								
Number of deaths	..	..	..	..	..	15	11	4
Legitimate	..	..	..	..	..	14	11	3
Illegitimate	..	..	..	..	..	1	—	1
(under 1 week of age)								
Number of deaths	..	..	..	..	..	12	9	3
Legitimate	..	..	..	..	..	11	9	2
Illegitimate	..	..	..	..	..	1	—	1

Infant Mortality Rates

All infants per 1,000 births	..	..	..	..	..	26.7
Legitimate infants per 1,000 legitimate live births						26.8
Illegitimate infants per 1,000 illegitimate live births						25.0
Neo Natal (first four weeks) mortality rate per 1,000 live births	..	..	..	..	..	16.7
Early Neo-Natal mortality rate (deaths under 1 week) per 1,000 total live births	..	..	..	..	..	13.3
Perinatal mortality rate (still births and deaths under 1 week combined) per 1,000 total live and still births	..	..	..	..	..	49.0

MATERNAL MORTALITY

Nil

COMPARATIVE FIGURES

						Southwell Rural District	England and Wales
Live Birth Rate per 1,000 population	..	..	..	..	..	17.9	18.4
Still Birth Rate per 1,000 (live and still births)	..	..	..	..	..	27.0	16.4
Death Rate per 1,000 population	..	..	..	..	..	10.7	11.3
Infantile Mortality Rate (per 1,000 related live births)						26.7	20.0
Neo Natal mortality rate (per 1,000 live births)	..	..	..	..	..	16.7	13.8

Notes on Vital Statistics

Population. The Registrar-General's estimated population was 49,540 as against 48,400 for 1963.

Births. The number of births registered was 899, a decrease of 61 on the 1963 figure. The birth rate decreased to 17.9 as against 19.6 the previous year.

Birth rates for the past 10 years :—

<i>Year</i>	<i>Birth Rate</i>		<i>Year</i>	<i>Birth Rate</i>	
1955	..	18.2	1960	..	18.4
1956	..	17.0	1961	..	18.2
1957	..	17.1	1962	..	19.8
1958	..	17.3	1963	..	19.6
1959	..	17.2	1964	..	17.9

Illegitimate Births. 40 births registered as compared with 41 in 1963.

Illegitimate births for the past 10 years :—

<i>Year</i>	<i>Births</i>		<i>Year</i>	<i>Births</i>	
1955	..	18	1960	..	34
1956	..	20	1961	..	36
1957	..	27	1962	..	35
1958	..	24	1963	..	41
1959	..	35	1964	..	40

Deaths. The number of deaths registered was 440 a decrease of 22 on the 1963 figure.

Causes of death are given in the table at the end of the notes.

Maternal Mortality

I am pleased to state that no death took place under this heading.

Infant Mortality

The number of deaths of infants under 1 year of age was 24, 1 less than in 1963. 12 died within 1 week of birth.

<i>Causes of death</i>				<i>Where Died</i>	<i>Age</i>	<i>M</i>	<i>F</i>
1a	Pulmonary Hyaline Membrane	..		Hospital	5 hours	1	—
1a	Broncho Pneumonia	..	..	Hospital	6 months	1	—
1a	Congestive Heart Failure (1b) Cyanotic Congenital Heart Disease	..		Hospital	9 months	—	1
1a	Congestive Heart Failure (1b) Multiple Congenital Heart Disease	..		Hospital	1 week	1	—
1a	Prematurity	..	..	Hospital	2 days	1	—
1a	Atelectasis (b) Prematurity	..	..	Hospital	1 month	1	—
1a	Asphyxia (b) Ferrivenin re-action of mother leading to collapse	..	..	Hospital	7 hours	—	1
1a	Prematurity	..	..	Hospital	1 day	1	—
1a	Prematurity	..	..	Hospital	10 hours	1	—
1a	Bronchopneumonia (b) Congenital Cystic Kidneys	..	..	Hospital	1 month	1	—
1a	Prematurity	..	..	Hospital	1 day	1	—
1a	Prematurity	..	..	Hospital	2 days	1	—

1a Atelectasis (b) Prematurity	.. ..	Hospital	1 hour	—	1
1a Asphyxia	.. ..	Hospital	1 hour	1	—
1a Prematurity (b) A.P.H.	.. ..	Hospital	9 hours	1	—
1a Prematurity	.. ..	Hospital	3 hours	—	1
1a Acute Bronchiolitis	.. ..	Hospital	3 weeks	—	1
1a Oesophageal Atresia (II) Congenital Heart		Hospital	1 week	1	—
1a Werdnig Hoffman Disease	.. ..	Home	6 months	—	1
1a Atelectasis (b) Multiple Congenital Deformities	.. ..	Home	2 hours	1	—
1a Asphyxia (b) Laryngitis	.. ..	Home	1 month	—	1
1a Lobar Pneumonia (b) Congenital Deformities	.. ..	Home	4 months	—	1
1a Status Epilepticus (b) P.U.O.	.. ..	Home	6 months	—	1
1a Meningococcal Meningitis	.. ..	Home	1 month	1	—

Causes of Death at Different Periods of Life during 1964

Cause of Death	Sex	Total All Ages	Under 4 weeks	4 weeks and under 1 year	Age in years								
					1-	5-	15-	25-	35-	45-	55-	65-	75 and over
Meningococcal Infections	M	1	—	1	—	—	—	—	—	—	—	—	—
Malignant Neoplasm, Stomach	M	11	—	—	—	—	—	—	1	—	2	5	3
	F	4	—	—	—	—	—	—	—	—	1	1	2
Malignant Neoplasm Lung, Bronchus	M	19	—	—	—	—	—	—	—	4	4	8	3
	F	1	—	—	—	—	—	—	1	—	3	—	1
Malignant Neoplasm Breast	F	6	—	—	—	—	—	—	—	—	—	1	1
Malignant Neoplasm Uterus	F	2	—	—	—	—	—	—	—	1	—	1	—
Other Malignant and Lymphatic Neoplasms	M	26	—	—	—	—	—	—	1	2	9	4	10
	F	23	—	—	—	—	—	—	2	3	4	6	8
Leukaemia, Aleukaemia	M	2	—	—	—	—	—	—	—	—	1	—	—
	F	1	—	—	—	—	—	—	—	—	—	1	—
Diabetes	M	1	—	—	—	—	—	—	—	—	—	—	1
	F	1	—	—	—	—	—	1	—	—	—	—	3
Vascular Lesions of Nervous System	F	7	—	—	—	—	—	—	—	—	1	2	14
	M	32	—	—	—	—	—	—	—	—	5	13	19
Coronary Disease, Angina	F	29	—	—	—	—	—	—	—	1	5	4	12
	M	49	—	—	—	—	—	1	1	2	14	19	18
Hypertensions with Heart Disease	F	34	—	—	—	—	—	—	1	—	7	8	3
	M	6	—	—	—	—	—	—	—	—	1	2	2
Other Heart Disease	F	2	—	—	—	—	—	—	—	—	—	—	—
	M	18	—	—	—	—	1	1	—	2	2	2	10
Other Circulatory Disease	F	15	—	—	—	—	—	—	—	2	—	—	11
	M	6	—	—	—	—	—	—	1	—	—	3	2
	F	6	—	—	—	—	—	—	—	—	1	—	5

Cause of Death	Sex	Total All Ages	under 4 weeks	4 weeks and under 1 year	Age in years									
					1-	5-	15-	25-	35-	45-	55-	65-	75 and over	
Influenza	M	1	—	—	—	—	—	—	—	—	—	—	—	1
	F	2	—	—	—	—	—	—	—	—	—	—	—	1
Pneumonia	M	15	1	1	—	—	—	—	—	—	—	—	7	6
	F	10	1	—	—	—	—	—	—	—	—	—	—	8
Bronchitis	M	19	—	—	—	—	—	—	—	—	—	4	—	8
	F	7	—	—	—	—	—	—	—	—	—	1	3	3
Other Diseases of Respiratory System	M	5	—	—	—	—	—	—	—	—	—	—	—	—
	F	3	—	1	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum	M	2	—	—	—	—	—	—	—	—	—	—	—	—
Gastritis, Enteritis and Diarrhoea	F	1	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Malformations	M	7	—	1	—	—	—	—	—	—	—	—	—	—
	F	2	3	2	—	—	—	—	—	—	—	—	—	—
Other Defined and Ill-Defined Diseases	M	19	7	1	—	—	—	—	—	—	—	—	—	—
	F	24	3	2	—	—	—	—	—	—	—	—	—	—
Motor Vehicle Accidents	M	10	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—
All Other Accidents	M	6	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—
Suicide	M	2	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL ALL CAUSES	M	257	11	4	2	2	4	6	4	16	46	79	83	
	F	183	4	5	1	—	2	1	5	11	25	36	93	

INFECTIOUS DISEASES 1955 - 1964

Year	Erysipelas	Scarlet Fever	Typhoid Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Ophthalmia Neonatorum	Measles	Whooping Cough	Pneumonia	Acute Poliomyelitis	Acute Polioencephalitis	Food Poisoning	Dysentery	Meningococcal Meningitis	Total
1955	4	35	—	—	24	3	—	796	145	9	4	—	—	2	1	1023
1956	6	67	—	—	25	5	—	8	84	5	—	—	—	17	—	217
1957	5	13	—	2	15	2	—	620	25	9	4	1	11	3	1	711
1958	—	31	—	1	16	6	1	265	30	5	—	—	2	14	—	371
1959	2	24	—	—	25	2	—	315	19	5	1	—	1	1	—	395
1960	2	19	—	2	10	2	—	188	100	3	1	—	—	32	—	359
1961	2	19	—	1	17	6	1	1124	32	9	—	—	5	13	—	1229
1962	—	13	1	—	14	7	—	74	—	1	—	—	3	12	—	125
1963	—	13	—	—	9	2	—	626	20	3	—	—	—	13	—	686
1964	—	8	—	—	6	2	—	205	7	3	—	—	—	9	—	240

Population

The natural increase in population i.e., the excess of births over deaths was 459.

Year							Natural Increase
1955	..	..	..	..	..	..	372
1956	..	..	..	..	..	..	310
1957	..	..	..	..	..	..	366
1958	..	..	..	..	..	..	316
1959	..	..	..	..	..	..	342
1960	..	..	..	..	..	..	350
1961	..	..	..	..	..	..	363
1962	..	..	..	..	..	..	467
1963	..	..	..	..	..	..	498
1964	..	..	..	..	..	..	459

TUBERCULOSIS

New Cases and Mortality during 1964

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1 to 5	—	—	—	—	—	—	—	—
5 to 10	—	—	—	1	—	—	—	—
10 to 15	—	—	—	—	—	—	—	—
15 to 20	—	2	—	1	—	—	—	—
20 to 25	1	—	—	—	—	—	—	—
25 to 35	1	2	—	—	—	—	—	—
35 to 45	—	—	—	—	—	—	—	—
45 to 55	—	—	—	—	—	—	—	—
55 to 65	—	—	—	—	—	—	1	—
65 & upwards	—	—	—	—	—	—	—	1
TOTALS	2	4	—	2	—	—	1	1
Totals for previous year	5	4	—	2	4	—	—	—

(1) Non-notified deaths: Pulmonary Tuberculosis Nil
Non-Pulmonary Tuberculosis Nil

Public Health (Prevention of Tuberculosis) Regulations 1925

No action has been necessary under these Regulations.

Public Health Act, 1936—Section 172

No action has been necessary under the above heading.

The Mortality Table shows two deaths during 1964 whilst the Registrar-General's return gives no information relating to Tuberculosis. On investigation it was found that a male and female on the T.B. Register had died during the year and primary cause of death in each case was shown as Coronary Thrombosis.

VACCINATION AND IMMUNISATION

The following vaccinations and immunising injections have been given during the year.

Diphtheria, Whooping Cough, and Tetanus

	<i>Primary</i>		<i>Booster Injections</i>		<i>Total</i>	
	1964	1963	1964	1963	1964	1963
By Public Health Dept.	469	502	951	741	1420	1243
By General Practitioners	330	325	257	183	587	508

Smallpox Vaccination

By Public Health Department	326	135
By General Practitioners	158	198

Poliomyelitis Vaccination

Only "Oral" vaccine is now used by this department, and I think this is general amongst private practitioners.

	1964	1963
Children born in 1964	96	—
Children born in 1963	498	85
Children born in 1962	135	539
Children born in 1961	34	100
Other Groups 1943 - 1960	117	169
Prior to 1942 (under 40)	31	92
3rd and 4th doses	617	799

Included in the above are 374 primary doses and 84 booster doses given by private practitioners.

B.C.G. (Tuberculosis) Vaccination of Schoolchildren

	1964	1963	1962
No. of acceptances	477	708	806
No. tested	447	657	749
No. negative	285	382	400
No. positive	134	237	318
No. failed to attend after test	28	38	31

NATIONAL ASSISTANCE ACT, 1948

For the second year running it was my lot to take action under the above Act.

On this occasion it involved an elderly gentleman, not without means, living in extreme filth, who had got beyond the point of caring for himself. For some time every endeavour had been made to get him to agree to assistance in the home, but he just was not amenable. Before court action was taken it had been necessary to call in the R.S.P.C.A., to remove some of the dog family. The man's solicitors were called in, and they concurred with the action we suggested. He was eventually moved on the 23rd April, 1964 under a three week order.

Before the order expired the man unfortunately had a fall at the hostel and was removed to Victoria Hospital, Worksop, with a fracture of the neck of the femur. I understand that he remained a patient in that hospital until his death some time later.

One of the main difficulties before the removal of a person is the Welfare Authority's insistence that a person should be thoroughly cleansed before admission. Local Authorities now have no facilities for this purpose, and it is impossible to carry out such a condition. All the officers in this particular case became infested some time during the proceedings – it was not possible to fumigate the house until after the removal of the person. The obvious solution is for the Welfare Authority to have a reception bay for persons being removed under these conditions.

Housing

Housing Waiting List					1964	1963
Families without separate homes	..	..			391	499
Single persons	..	..	..	..	153	55
Families with separate homes	..	..			973	901
Householders residing outside the Rural District					185	202

Housing Progress

New Council Houses occupied	..	..			64	75
Re-lets of existing houses	..	..	..		147	156
Exchange of tenancies	..	..	..		27	25
T.B. Cases or families rehoused	..	..			Nil	Nil
Total houses owned by Local Authority	..				2858	2838

Housing Statistics

Number of dwellings erected during the year

By Local Authority	..	..	..	..	64	45
By Private Enterprise	..	..	..		445	225
Others (C.I.H.A.)	..	..	..	..	145	164

Number of houses improved with aid of grant

1 Standard	..	..	..	..	49	39
2 Discretionary	..	..	..	..	26	30

County Council Services

The following information relating to the personal health (County Council) services within the District should be of interest and has been kindly supplied by the County Medical Officer.

NOTTINGHAMSHIRE COUNTY COUNCIL

Health Department

Notes for the 1964 Annual Report of the Medical Officer of Health,
Southwell Rural District

County Health Clinics

The County Health Clinics in the District are maintained by the County Council. These are set out below :—

School Clinic Sessions

Bilsthorpe, Village Hall

Tuesdays, 9.30 a.m. to 12 noon Medical Officer attends
once monthly (wk 4)

Ollerton, Methodist Chapel

Tuesdays, 9.30 a.m. to 12 noon Medical Officer attends
alternate Tuesdays.

Dental Clinic Sessions

New Ollerton, Briar Road

Monday and Thursday, by appointment only.

Ante-Natal and Child Welfare Sessions

Bilsthorpe	Village Hall	A.N. fortnightly C.W. weekly	Thursday a.m. Thursday a.m.
Blidworth	Methodist Chapel	C.W. weekly	Monday p.m.
Clipstone	First Avenue	C.W. weekly	Friday p.m.
Edwinstowe	Church Inst.	C.W. weekly	Thursday p.m.
Lowdham	The Institute	C.W. weekly	Tuesday p.m.
North Muskham	The Methodist Schoolroom	A.N. monthly C.W. fortnightly	Wednesday p.m. Wednesday p.m.
Ollerton	Church Circle New Ollerton	A.N. + Toddlers' Clinic, fortnightly C.W. fortnightly C.W. weekly	Wednesday a.m. Wednesday a.m. Wednesday p.m.
Rainworth	Meth. Chapel	C.W. weekly C.W. weekly	Tuesday p.m. Wednesday p.m.
Southwell	45 King Street	A.N. fortnightly C.W. weekly	Thursday p.m. Thursday p.m.
Sutton-on-Trent	Meth. Hall, High Street	A.N. monthly C.W. fortnightly	Tuesday p.m. Tuesday p.m.
Tuxford	Old Grammar School	A.N. fortnightly C.W. weekly	Monday p.m. Monday p.m.

TIME OF SESSIONS—a.m. 9.30 to 12
 p.m. 2 to 4.30

Child Welfare Sessions	First Attendances during 1964			Total Attendances			Medical Consultations		
	Children born in			Children born in			Children born in		
	1964	1963	1959-62	1964	1963	1959-62	1964	1963	1959-62
Bilsthorpe	90	63	106	931	672	531	134	110	54
Blidworth	41	57	92	407	563	453	58	66	43
Clipstone	93	58	34	529	353	62	70	43	17
Edwinstowe	63	75	53	468	485	177	123	68	26
Lowdham	30	47	54	250	329	325	64	116	68
North Muskham	20	16	23	159	122	110	25	14	19
Ollerton	141	132	53	953	766	252	170	143	78
Rainworth	82	83	168	921	1145	935	128	169	82
Southwell	77	106	85	721	682	274	55	76	44
Sutton-on-Trent	28	27	37	176	296	246	18	24	12
*Tuxford	57	62	105	437	372	493	52	31	25

*Retford Rural District but cases residing in Southwell Rural District attend this Centre

Ante-Natal Sessions	First Attendances during 1964			Total Attendances			Medical Consultations		
	A.N. P.N. Toddlers			A.N. P.N. Toddlers			A.N. P.N. Toddlers		
	A.N.	P.N.	Toddlers	A.N.	P.N.	Toddlers	A.N.	P.N.	Toddlers
Ollerton	12	1	116	47	2	165	47	2	151
Rainworth	1	—	—	2	—	—	2	—	—

Home Nursing

The Home Nursing Service is provided by the Nottinghamshire Nursing Federation and Associated and Affiliated District Nursing Associations, who act on behalf of the County Council under agency arrangements.

The following are the detailed statistics relating to the work of the Association :-

	No. of Nurses		No. of Visits		No. of Cases	
	Employed		Paid		Attended	
Bilsthorpe D.N.A.	2	1226	76	
Blidworth D.N.A.	vacancy	442	13	
Carlton-on-Trent D.N.A.	1	1604	72	
Clipstone D.N.A.	2	5260	175	
Edwinstowe D.N.A.	1	1322	78	
Farnsfield D.N.A.	1	2170	42	
Lowdham D.N.A.	1	1956	48	
Muskham D.N.A.	1	1501	78	
Ollerton D.N.A.	2	2925	159	
Rainworth D.N.A.	2	2486	95	
Southwell D.N.A.	2	1758	129	
Thurgarton D.N.A.	1	1920	25	
Thoresby D.N.A.	1	1632	56	
Blidworth Colliery D.N.A.	1	1909	35	

Ambulance Facilities

There are no Ambulance Stations situated within the Rural District, and the ambulance requirements of the area are met in the main by vehicles operating from Stations in adjacent areas — Newark, Carlton and Mansfield.

Home Help Service

Home Helps are provided by the County Council and are available throughout the area where service is required owing to the presence in the household of any person who is ill, lying-in, an expectant mother, mentally ill, aged, or a child not over compulsory school age.

In maternity cases a Home Help attends daily for two weeks from the birth of the baby, excluding Saturday afternoon and Sunday, and her duties include the ordinary domestic work such as cleaning, cooking, washing, care of children, mending and shopping.

In general cases of sickness or when assisting in the households of old or infirm people, Home Helps undertake such of the above duties as may be necessary. Part-time help can be arranged.

The charge for the service is 4s. 6d. per hour, but where the applicant is unable to afford this amount, the County Council's Scale of Assistance is applied.

Further particulars may be obtained from the following District Offices :—

Parishes of Southwell Rural District

Blidworth, Haywood Oaks, Lyndhurst, Clipstone, Edwinstowe, Ollerton, Boughton, Wellow, Ompton, Rufford, Eakring, Bilsthorpe, Kirklington, Winkburn, Maplebeck, Walesby.

The District Organiser,
The Home Help Service,
Notts. County Council
Offices, 40 St. John Street,
Mansfield.

Tel. No. Mansfield 7261.

Grassthorpe, Weston, Egmanton, Kirton, Sutton-on-Trent, Carlton-on-Trent, Ossington, Laxton, Kneesall, Kersall, Norwell, Cromwell, Caunton, Bathley, North and South Muskham, Kelham, Averham, Hockerton, Southwell, Upton, Staythorpe, Rolleston, Fiskerton, Halam, Edingley, Farnsfield.

The District Organiser,
The Home Help Service,
Town Hall,
Newark.

Tel. No. Newark 4824.

Bulcote, Gunthorpe, Hoveringham, Thurgarton, Bleasby, Gonalston, Lowdham, Epperstone, Halloughton, Oxton.

The District Organiser,
The Home Help Service,
Park House, 61 Burton
Road, Carlton.

Tel. No. Nottm. 247151.

Perlethorpe-cum-Budby

The District Organiser,
The Home Help Service,
61 Carlton Road,
Worksop.

Tel. No. Worksop 2884.

In addition, a Home Help Officer is in attendance at the County Health Clinic at Southwell on Wednesday mornings from 11.0 a.m. to 12 noon.

SOUTHWELL RURAL DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report for the year 1964.

Water Supply

All fifty-five parishes in the Rural District are supplied with a good wholesome supply of piped water. Most dwellings in the district are connected to a mains supply. Odd houses still depend on stand pipes.

<i>Parish</i>	<i>Houses</i>		<i>Population</i>	
	<i>Direct</i>	<i>Stand Pipe</i>	<i>Direct</i>	<i>Stand Pipe</i>
Averham	61		184	
Bathley	55		146	
Bilsthorpe	867	1	2862	2
Bleasby	142		434	
Blidworth	2356	3	7289	4
Boughton	415	2	1350	7
Bulcote	66		239	
Carlton-on-Trent	73		190	
Caunton	107	2	330	4
Caythorpe	83	2	210	3
Clipstone	1212		3945	
Cromwell	50		165	
Eakring	209		599	
Edingley	83	1	239	2
Edwinstowe	1351		3674	
Egmanton	67	4	184	5
Epperstone	154		453	
Farnsfield	531		1625	
Fiskerton-cum-Morton	136	4	340	13
Gonalston	24		92	
Grassthorpe	16		46	
Gunthorpe	146		471	
Halam	98	2	307	5
Halloughton	16		53	
Haywood Oaks	189		756	
Hockerton	27		90	
Hoveringham	102		300	
Kelham	56		324	
Kersall	17		50	
Kirklington	68		245	
Kirton	57		135	
Kneesall	61		188	
Laxton	97	3	282	11
Lowdham	473	3	1681	7
Lyndhurst	5		26	
Maplebeck	20		70	
Muskham, North	167	2	518	6
Muskham, South	93	1	154	2
Norwell	117	2	318	5
Ollerton	1768	5	5517	13

<i>Parish</i>	<i>Houses</i>		<i>Population</i>	
	<i>Direct</i>	<i>Stand Pipe</i>	<i>Direct</i>	<i>Stand Pipe</i>
Ompton	9		32	
Ossington	44		142	
Oxton	224		575	
Perlethorpe-cum-Budby ..	96		332	
Rolleston	65		173	
Rufford	306		912	
Southwell	1458	7	4277	15
Staythorpe	23		69	
Sutton-on-Trent	336		986	
Thurgarton	115		349	
Upton	131	2	526	4
Walesby	166	4	513	10
Wellow	124		347	
Weston	84		276	
Winkburn	29		90	

A summary of samples taken during the year is given below :-

	No. of Samples taken	Result of Analysis	
		Satisfactory	Unsatis- factory
Public Supplies: Bacteriological Analysis	2	2	—
Private Supplies: Bacteriological Analysis	2	—	2

The water supply of the District is provided by the Central Nottinghamshire Water Board which commenced operations in October 1963.

Public Swimming Baths

There are no Public Swimming Baths in the area.

A public swimming pool is to be opened in Southwell during 1965.

Drainage and Sewerage

The Council empty each cesspool in the Parish of Blidworth once a year or on request, whichever is the less frequent, and during 1964 451 emptyings were undertaken by a Contractor employed by the Council.

The following information has very kindly been supplied by Mr. K. Dyson, the Engineer :-

During 1964 the Ollerton, Boughton, Kirton Sewerage Scheme was completed and the Lowdham Area Sewerage Scheme serving Lowdham, Bulcote, Gunthorpe, Epperstone, Caythorpe, Hoveringham and Gonalston commenced.

Approval has been received for the Oxton Sewerage Scheme and quantities are being prepared with a view to advertising for tenders. Preparation of the Scheme for extensions to the Boughton Sewage Disposal Works is well advanced.

Considerable preparation work has also been done on a Scheme for extending the Edwinstowe Works but this is in abeyance pending a decision on the Boughton Scheme.

The Council's Consulting Engineers have in hand the Southwell Sewerage and Sewage Disposal Works and the Blidworth, Rainworth and Larch Farm Area Scheme.

Public Cleansing

Dry refuse is collected at approximately 8/9 day intervals and pails weekly throughout the District.

The Council have tips in the following parishes :-

Blidworth Clipstone Muskham, South Southwell

The number of receptacles emptied during the year ended 20th March, 1965 is given below :-

<i>Receptacles emptied</i>			
<i>Ashbins</i>	<i>Ashpits</i>	<i>Pails</i>	<i>Litterbins</i>
855,236	43	64,937	1,313

A summary of hours worked during the year is given below :-

<i>Hours</i>		
<i>Worked</i>	<i>Overtime</i>	<i>Sickness and Holidays</i>
119,289	12,424	17,054

During the period the service was 5,645 man hours or on average 3 men understrength for almost each week of the year.

The establishment for the refuse collection service is :—

1 Foreman	12 Drivers
3 Loader/Drivers	45 Loaders

The following vehicles were in use at 31st December, 1964:

- 10 Karrier dual tip (18 cu. yd.)
- 1 Karrier CK3 (night soil)
- 1 Karrier dual tip (25 cu. yd.)
- 1 Karrier Tanker (night soil)
- 1 12 cwt. Van

Improvements to Closet Accommodation

Eighteen pail closets were converted to water closets. A grant of £10 or half the cost (whichever is the less) is made in respect of each pail converted.

Infectious Disease

Six Cases of infectious disease were visited and investigations carried out. Advice was given and disinfectant supplied.

Diseased and Unsound Food

441½ lbs. of food was condemned as unfit for human consumption and disposed of.

Meat Inspection

Carcases Inspected and Condemned

	<i>Beast</i>	<i>Sheep</i>	<i>Pigs</i>	<i>Calves</i>
Number killed ..	2875	8123	3006	163
Number Inspected ..	2875	8123	3006	163
All diseases or damage except Tuberculosis				
Whole carcasses condemned ..	3	12	4	5
Carcases of which some part was condemned	237	30	50	Nil
Percentage of the number inspected affected with disease other than Tuberculosis or damage	8.34	0.51	1.79	3.06
Tuberculosis only				
Whole carcasses condemned ..	Nil	Nil	Nil	Nil
Carcases of which some part was condemned	Nil	Nil	6	Nil
Percentage of the number inspected affected with Tuberculosis ..	Nil	Nil	0.19	Nil

No cases of cysticercosis occurred during the year. Suspected cases are immediately submitted to a local veterinary research station for confirmation.

Part Carcases and Offal				BEAST			
Forequarter	..	..	5	Heads	..	..	3
Livers	..	..	228	Shoulder	..	..	1
				SHEEP			
Livers	..	..	10	Shoulders	..	20 pairs	
				PIGS			
Heads	..	..	47	Hindquarters	..	..	1
Kidneys	..	..	3	Plucks	..	..	4
Livers	..	..	1				

Weight of Meat Condemned

<i>Beast</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Calves</i>
5,747 lbs.	2,044 lbs.	1,217 lbs.	168 lbs.

Slaughter of Animals Act, 1933 and 1951

The total number of slaughterman's licences in operation at the end of the year was forty-five.

Slaughterhouses

There are six licensed slaughterhouses in the district situated as follows :—

Clipstone	Ollerton (2)
Epperstone	Rainworth
Farnsfield	

Knackers Yards

There are two licensed Knackers Yards in the Rural District—one of these is used in connection with Hunt Kennels.

The premises have been kept in a satisfactory condition during the year.

Game Dealers

There were ten persons licensed as Game Dealers during the year in the Rural District.

Food Hygiene

Byelaws in accordance with Section 15 of the Food and Drugs Act, 1938 were adopted in 1952.

No cases of food poisoning were notified during the year. Publicity is given to food hygiene posters and leaflets by the Department. A stand was provided at Southwell Show, chiefly on food hygiene and this attracted considerable interest from the public.

Ice Cream Premises

Number of premises registered during the year	6
Number of premises on register at 31st December, 1964	212

Premises have been kept in a satisfactory condition during the year.

Food and Drugs Act 1955

Sampling under the above Act is carried out by the Nottinghamshire County Council. The following information has very kindly been supplied by T. L. E. Gregory, Esq., (Chief Inspector).

“Particulars of samples obtained by Officers of the Department and examined and/or analysed under the above Act in the Rural District of Southwell during the year ending 31st December, 1964.

<i>Article</i>	<i>No. of Samples</i>	<i>Result</i>
Almond Marzipan ..	2	Genuine
Beans, fresh	1	„
Blackcurrant Drink	2	„
Biscuits, Cream	1	„
Butter Mints	1	„
Cabbage	2	„
Cake, Sponge	1	„
Carrots	1	„
Celery	1	„
Cheese	5	„
Cheeseburgers	1	„
Cherries, Maraschino ..	1	„
Chicken and Mushroom Pies	1	Contained only 11% meat. Manufacturer cautioned.
Chocolate Rolls	1	Genuine
Coconut, Desiccated	1	„
Coffee and Chicory	1	„
Coffee Cup	1	Caffein content exceeded declaration. Manufacturer cautioned.
Crab Spread	1	Genuine
Cream	1	„
Cream of Tartar	1	„
Dripping	1	„
Fish Cakes	1	„
Gin	3	„
Gravy Salt	1	„
Honey	1	„
Ice Cream	4	„
Indigestion Tablets	1	„
Lemon Curd	1	„

<i>Article</i>	<i>No. of Samples</i>			<i>Result</i>
Margarine	1			Genuine
Milk	77			„
Mincemeat	1			„
Mustard	1			„
Onions, Spanish	1			„
Pain Relieving Tablets	4			„
Piccalilli	1			„
Potatoes, New	1			„
Pineapple juice	1			„
Plums, Canned	1			„
Sausage, Pork	10			„
Shandy	1			„
Spread, Raspberry	1			„
Spread, Cheese	1			„
Spread, Glucose	1			„
Steak, Braising	1			„
Steak Pie	1			„
Steak and Kidney Pies	6			4 Genuine
				1st Sample contained only 21.09% of meat. 2 Sample contained only 23.8% of meat. Above samples should have contained at least 25% of meat. Manufacturers cautioned
Sultanas	1			Genuine
Vinegar, Malt	1			„
Whisky	6			„
<hr/>				155 Genuine
159				4 Sub-standard

Miscellaneous Food and Drugs Investigations

- 1 Bottle of milk containing black particles. Bottlers cautioned.
- 2 Bottle of milk containing used bottle cap. Bottlers cautioned.
- 3 Bottle of milk containing a piece of plastic tubing. Bottlers cautioned.

Notices

Below is given details of Statutory and Informal Notices issued complied with and outstanding.

Number of statutory notices served	Nil
Number of statutory notices complied with	Nil
Number of statutory notices in abeyance	Nil
Number of informal notices served	151
Number of informal notices complied with	148
Number of informal notices in abeyance	25

Inspections and Visits during 1964

Caravan Sites	234
Cesspools	199
Clean Air	194
Cleansing	189
Closing and Demolition Orders	179
Drainage and Sewage Disposal	499
Factories Act — Factories (with power)	20
Factories (no power)	6
Outworkers	3
Food and Drugs Act	49
Food Hygiene Regulations	299
Housing Acts	289
Infectious Disease and Food Poisoning	41
Knackers Yards	21
Meat Inspection Regulations	1227
Petroleum Acts and Regulations	156
Public Health Act	456
Rent Act	2
Schools	13
Shops, Offices and Railway Premises	113
Water Samples	14
Miscellaneous	385
Markets	32
Pet Animals	10

Vermin and Disinfestation

Assistance is given free to householders in dealing with household pests D.D.T. Gammexane Powders and liquid sprays are used.

Refuse tips are periodically sprayed with powder, using a dry powder blower to destroy flying insects.

Rats and Mice Destruction

The Council employ one Rodent Operator.

During the year the following work was carried out :—

	<i>Inspections</i>	<i>Treatments</i>
Local Authority Properties	24	19
Business Premises	59	16
Dwelling houses	1268	337
Agricultural	4	2

Petroleum Stores

Number of licences renewed during the year 1964 ..	188
Number of new licences granted during licence year 1964	11
Number of licences discontinued during licence year 1964	3

Pet Animals Act, 1951

There are no actual premises in the District which requires registering under this act. One market stall is registered.

Animal Boarding Establishments Act, 1963

With the introduction of this act six Boarding Establishments were licensed.

Flock and other Filling Material Act, 1951

There are no premises in the District which require registering under this Act.

Moveable Dwellings

Two new sites were licensed and three site licenses were increased one, on being transferred to the new owner.

At the end of the year there were 23 sites licensed in respect of 354 caravans (126 seasonal and 228 residential).

Common Lodging Houses

There are no common lodging houses in the District.

Factories Act 1961

1. Inspections for purposes of provisions as to health

	<i>No. on Reg.</i>	<i>Number of</i>		
		<i>Inspections</i>	<i>Written notices</i>	<i>Occupiers Prosecuted</i>
(i) Factories in which sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities ..	4	6	Nil	Nil
(ii) Factories not included in (i) in which section 7 is enforced by the Local Authority ..	95	20	Nil	Nil
(iii) Other premises in which section 7 is enforced by the Local Authority (excluding outworkers premises) ..	24	5	Nil	Nil
TOTAL ..	123	31	Nil	Nil

2. Cases in which defects were found

Particulars	Number of cases in which defects were found			
	Found	Remedi- ed	Referred to H.M. Inspec:	by H.M. Inspec.
Want of Cleanliness (S.1) ..	—	—	—	—
Insufficient	—	—	—	—
Other offences against the Act (not including offences relating to out-work)	—	—	—	—
TOTAL ..	—	—	—	—

PART VIII OF THE ACT
Outworks (Section 110)

Nature of Work	No. of outworkers in August list required by Section 110 (1) (c)
Wearing apparel, Making etc.	23
TOTAL ..	23

Month	Deposit Gauge	Weight of Sulphur Dioxide Collected – Milligrams per 100 sq. c.m. per day												
		Blidworth	Rexco					Ollerton					Boughton	
			North	South	East	North East	Yew Tree Road	Police Station	Hall and Earl	Willow Road	Rufford Avenue	Forest View		
January	120	1.57	2.20	2.30	1.88	—	2.66	1.42	1.53	1.22	1.24	—	1.72	—
February	380	1.33	1.72	1.52	0.95	—	1.68	1.14	0.95	0.91	1.38	—	1.22	—
March	490	1.02	1.03	1.21	0.80	0.91	1.36	1.13	0.66	0.62	1.03	—	0.84	—
April	820	0.81	1.59	1.24	1.36	1.44	1.41	0.86	0.85	0.94	0.75	—	1.07	—
May	400	0.73	1.14	1.30	1.27	1.11	1.15	0.70	0.77	0.57	0.75	—	0.89	—
June	350	0.80	1.19	1.24	0.87	0.64	1.17	0.88	0.76	0.66	0.82	—	0.88	—
July	270	0.46	0.71	0.68	0.59	0.29	0.87	0.48	0.64	0.51	0.42	—	0.72	—
August	112	0.62	0.75	1.17	0.48	0.76	1.02	0.50	0.59	0.58	0.48	—	0.66	—
September	269	0.82	1.15	1.02	1.05	0.83	1.23	0.55	0.66	0.56	0.59	—	0.81	—
October	185	1.14	1.48	1.48	1.28	1.09	1.66	0.95	1.01	0.76	1.09	1.27	1.10	1.07
November	301	1.17	1.71	1.79	1.63	1.46	1.91	1.30	1.15	1.11	1.30	1.56	1.35	1.16
December	167	1.79	2.51	2.70	1.95	2.28	2.42	1.53	1.51	2.24	1.73	2.03	1.63	1.87

Housing

Number of new houses erected during the year :—

By Local Authority	64
By Private Enterprise	355
Housing Associations	132
	<hr/>
	551

Grants made during the year:—

Standard Grants	49
Discretionary Grants	26
	<hr/>
	75

1. Inspection of Dwelling houses during the year

Number of dwelling houses inspected for housing defects	109
Number of inspections made for the purpose ..	178
Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	21
Number of dwelling houses (exclusive of those referred to under the preceding sub-headings) found not to be in all respects fit for human habitation	39

2. Remedy of defects during the year without service of formal notices

Number of dwelling houses rendered fit as the result of informal action	580
---	-----

3. Action under Statutory Powers during the year

Proceedings under Sections 9, 10, 16, of the Housing Act, 1957

(1) Number of dwelling houses in respect of which notices were served requiring repairs	Nil
(2) Number of dwelling houses which were considered fit after service of formal notice ..	Nil
Number of dwelling houses in respect of which demolition orders were made	74
Number of dwelling houses demolished in pursuance of demolition orders or Clearance Areas	29
Number of dwelling houses upon which closing orders were made	1

Number of dwelling houses upon which undertakings were accepted not to relet until made fit for human habitation 29

Number of dwelling houses confirmed by the Council in Clearance Areas Nil

Proceedings under Public Health Acts

Number of dwelling houses in respect of which notices were served requiring defects to be remedied Nil

Number of dwelling houses in which defects were remedied after service of formal notices Nil

Offices, Shops and Railway Premises Act, 1963

1. Registrations and General Inspections

Class of Premises (1)	Number of premises registered during the year (2)	Total number of registered premises at end of year (3)	Number of registered premises receiving a general inspection during the year (4)
Offices	35	35	2
Retail Shops	140	139	103
Wholesale shops, warehouses	1	1	1
Catering establishments open to the public, canteens	32	32	7
Fuel Storage depots	—	—	—
Totals	208	207	113

2 Number of visits of all kinds by inspectors to registered premises 113

3 Analysis of persons employed in registered premises by work-place

Class of workplace	Number of persons employed
(1)	(2)
Offices	669
Retail Shops	563
Wholesale departments, warehouses	10
Catering establishments open to the public	325
Canteens	7
Fuel storage depots	2
Total	1576
Total males	730
Total females	846

4 Exemptions

No applications were received for exemption under the Act.

5 Inspectors.

No. of inspectors appointed under Section 52 (1) or (5) of the Act 4

The clerical work involved has been undertaken by the existing officers.

National Assistance Act 1948 - 1951

Arrangements were made for the burial of one male person who died in the District during 1964.

Conclusion

My thanks are due to the Chairman and members of the Council the staff and workmen of the Health Department, the various Departments of the Council and Dr. H. D. B. North for all his assistance and co-operation given throughout the year.

B. D. HALL

Senior Public Health Inspector

Newark Rural District Council

Chairman : Mr. W. F. BAILEY, J.P.

Vice-Chairman : Mr. W. L. BROWN

Mr. W. G. BENOY, A.R.I.B.A.

Mr. D. E. BILTON

Mrs. H. E. BILTON, C.C.

Mr. L. BIRCHENALL

Mr. R. D. K. BRADLEY

Dr. R. W. W. BROWN, M.A., M.B.,
B.Chir., D.C.H.

Mr. W. E. BROUGHTON

Mr. E. C. P. DAYBELL

Mrs. G. E. DIXON

Mr. R. EARL

Mr. G. A. R. FILLINGHAM

Mr. L. GAMAGE

Mr. J. W. GHENT

Mr. J. HALLAM

Mr. K. F. LEE

Mr. F. E. LOCKWOOD

Mr. J. T. PYKETT

Mr. G. H. REEVE

Mr. R. W. SANDERS

Dr. G. SHEPPARD, D.Sc., Ph.D.,
Hon. LL.D.

Mr. E. G. STAUNTON

Lt.-Col. R. A. G. STEWART

Mr. J. A. WELLS

Mr. N. W. WELLS

Mr. W. S. WELLS

Mr. A. E. WILLOWS

Medical Officer of Health

H. D. B. NORTH, M.Sc., M.B., Ch.B., D.P.H., A.R.C.S., A.R.I.C.

Public Health Inspectors

W. M. TAYLOR, M.A.P.H.I., Cert. R.S.I. and S.I.J.B., R.S.I. Meat I Cert.,
Sanitary Science (R.S.I.) Cert., Institute of Housing Cert.

R. CANNON, M.A.P.H.I., Cert. R.S.I. and S.I.J.B.,
Meat I. Dip.

Clerical Staff

Mrs. S. E. JACKSON

2 Assistants

Clerk to the Council

W. L. WINTER, 21, Lombard Street, Newark

Newark Rural District Council

Statistical Summary for 1964

Population	..	..	..	..	..	..	15,470
Birth Rate per 1,000 population				..	..	..	19.7 (18.4)
Death Rate per 1,000 population				..	..	..	11.0 (11.3)
Infantile Mortality rate per 1,000 births					..	..	6.3 (20.0)
Area of District	..	..	..	..	..	..	41,550 acres
Number of inhabited houses at 31st December 1963							4,895
Rateable Value	..	..	..	..	..	..	£370,505
Sum represented by penny rate				..	..	..	£1,552

The figures in brackets refer to those for England and Wales.

Tel.: Newark 3255 and 2508

Public Health Department
The Friary,
Appletongate,
Newark.

31st August, 1965

To the Chairman and Members of the Newark Rural District Council

Sir, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report on the Health and Health Services of the Newark Rural District for 1964. The health of the District has remained very satisfactory.

There has been an increase in the population and the Registrar-General's estimate for mid-1964 is 15,470 and it is for the first time over 15,000. The live births have "topped" the 300 mark to 318, an increase of 38 over the 1963 figure, and the deaths have fallen by 7. This has resulted in an increase in the birth rate and a fall in the death rate. In 1963 there was a fall in the natural increase rate, i.e., the excess of births over deaths, but in 1964 this figure has again risen well.

The infantile mortality rate has fallen to a very low rate there being only 2 deaths, and there were no deaths in infants under 4 weeks of age. This has produced a figure 6.3 compared with the national figure of 20. These deaths in infants under one year both occurred at 3 months of age, one being due to congenital deformities, the other following whooping cough, and although whooping cough is not common these days it is always a danger in very young children, especially at this age before immunisation injections have taken place. The vital statistics generally compare very favourably with those of England and Wales, except that the still-birth rate in 1964 is high.

A study of the table of causes of death show once again, the majority of deaths occurring over the age of 55 years, and the pattern remains the same, viz: the the commonest cause being due to heart and circulatory disease, cancer and respiratory disease.

Last year I commented upon deaths from accidents and it will be noted that although no "other accidents" are reported, e.g., accidents in the home, the number of motor vehicle accidents have risen to 7, more than double last years' figure. One realises that every year, more and more vehicles appear upon the roads and that, in my opinion, is a reason for more care to be used, particularly if we are to reduce this mortality.

In the realm of infectious diseases, a rise in the number of whooping cough cases has occurred in spite of vaccination proced-

ures against this disease. This might appear to support the view that a different strain of organism is becoming prevalent. The rise in the number of cases is accentuated by the death referred to above. The other feature of the figures for infectious disease is the large number of cases of dysentery reported. This was due to an outbreak of Sonne Dysentery amongst cases in Balderton Hospital for mentally subnormal patients. With a rapid turnover of cases this is always a recurring possibility. Assistance was given to the hospital in helping to control this outbreak.

Towards the end of the year one fatal case of Anthrax in a bovine animal was notified by the Divisional Veterinary Officer, and no further cases were reported. During the autumn a young adult was admitted to Isolation Hospital with mild paratyphoid fever. She became infected during a visit to France when another person in the party became ill. No other cases were discovered amongst contacts when she returned to the District.

There has been a fall in the number of cases of Tuberculosis notified during the year, which is a cause for satisfaction. In the field of "triple immunisation" i.e., against Diphtheria, Whooping Cough and Tetanus, there has been an increase in the numbers protected, that is including "booster" injections to make a complete course. There has also been a good increase in the numbers protected against smallpox, although I would like to see better figures. The figures for protection against poliomyelitis, using the method of "Oral" vaccine, are very similar to those for the previous year. This method being so simple, should produce better results, although I am of the opinion that the District has a good percentage protected.

The policy of offering protection against tuberculosis has been continued during 1964. The response is similar to that for 1963, and one feels that there should be a better acceptance rate. The vaccination scheme is done with the co-operation of the Education Authority and the Head Teachers, and is offered to all children over 11 years of age, if the parent consents. It will be noted that the percentage of "negative reactors" to the tubercle test is rising rapidly, and is approaching the general average. The lowness of this percentage has, in the past, given rise to some concern and it would appear that the safe milk policy is now taking full effect.

The water supplies for the District have remained satisfactory, both in quality and quantity, and there has been no plumbo-solvency in the water. Samples of water have been analysed by the Central Nottinghamshire Water Board and the Lincolnshire Water Board, and copies of the analytical reports are kindly forwarded to me.

During the year, the Sewerage and Sewage Disposal Works for East Stoke, Elston and Syerston were completed, and the tender

for the extension of the Farndon Sewage Works was approved by the Ministry.

Housing progress was made during 1964, 15 houses being dealt with under demolition procedure.

Finally I would like to express my sincere thanks to all Officers and Staff of the Council, for all their help and assistance during 1964, and to the County Medical Officer, and Officers and Staff of the County Council for their co-operation during the year. To the Chairman and Members of the Council, I am very grateful for all their advice and encouragement during the year.

Yours sincerely,

H. D. B. NORTH

Vital Statistics for the Year 1964

BIRTHS

							Total	Males	Females
Live Births	..	..	..	..	..	..	318	182	136
Legitimate	..	..	..	..	..	..	309	177	132
Illegitimate	..	..	..	..	..	..	9	5	4

Birth rate per thousand estimated population Crude Rate 20.5

Corrected Rate 19.7

Illegitimate live births per cent of total live births 28.3

Still Births	..	..	..	..	..	..	12	7	5
Legitimate	..	..	..	..	..	..	11	6	5
Illegitimate	..	..	..	..	..	..	1	1	—

Still Birth Rate per 1,000 total (live and still births) 36.3

Still Birth Rate per 1,000 population .. 0.8

DEATHS

							Total	Males	Females
							139	75	64
Death rate per 1,000 estimated population						Crude Rate	9.0		
						Corrected Rate	11.0		

INFANT MORTALITY

(under 1 year of age)

							Total	Males	Females
Number of deaths	..	..	..	..	..	..	2	1	1
Legitimate	..	..	..	..	..	..	2	1	1

No deaths under 4 week or 1 week of age.

Infant Mortality Rates

All infants per 1,000 births	..	..	..			6.3
Legitimate infants per 1,000 legitimate live births						6.5
Neo Natal (first four weeks) mortality rate per 1,000 live births	..	..	..	..	..	Nil
Early Neo Natal mortality rate	..	..	..			Nil

MATERNAL MORTALITY

Nil

COMPARATIVE FIGURES

			Newark Rural District	England and Wales
Live Birth Rate per 1,000 population	..	..	19.7	18.4
Still Birth Rate per 1,000 total live and still births			27.2	16.4
Death Rate per 1,000 population	..	..	11.0	11.3
Infantile Mortality rate (per 1,000 related live births)			6.3	20.0
Neo Natal mortality rate (per 1,000 live births)	..		Nil	13.8

NOTES ON VITAL STATISTICS

Population. The Registrar-General's estimated population increased by 520 making a total new population of 15,470.

Births. The 318 births registered is an increase of 38 over the 1963 figure. 9 illegitimate births were registered as compared with 14 in 1963.

The birth rate increased by 1.6, which is 1.3 above the average for England and Wales.

<i>Year</i>			<i>Birth Rate</i>	<i>Year</i>			<i>Birth Rate</i>
1955	..	..	15.9	1960	..	..	18.8
1956	..	..	14.6	1961	..	..	18.9
1957	..	..	16.0	1962	..	..	21.9
1958	..	..	14.8	1963	..	..	18.1
1959	..	..	19.7	1964	..	..	19.7

The illegitimate birth figures for the past 10 years.

<i>Year</i>			<i>Illegitimate Births</i>	<i>Year</i>			<i>Illegitimate Births</i>
1955	..	..	10	1960	..	..	5
1956	..	..	4	1961	..	..	11
1957	..	..	9	1962	..	..	4
1958	..	..	6	1963	..	..	14
1959	..	..	9	1964	..	..	9

The number of stillbirths was 12 compared with 5 in 1963.

MATERNAL MORTALITY

Nil

INFANT MORTALITY

A further fall in the rate took place this year, the figures being reduced from 4 to 2.

<i>Cause of death</i>	<i>Place</i>	<i>Age</i>	<i>Male</i>	<i>Female</i>
1a Bronchopneumonia				
II Whooping Cough	Hospital	3 months	1	
1a Congenital Heart Disease	Hospital	3 months		1

Natural Increase in Population

The natural increase in population, i.e., the number of births in excess of number of deaths, during the last ten years is shown in the following table.

<i>Year</i>							<i>Natural Increase</i>
1955	..	..	..	..	..	..	88
1956	..	..	..	..	..	..	72
1957	..	..	..	..	..	..	78
1958	..	..	..	..	..	..	74
1959	..	..	..	..	..	..	147
1960	..	..	..	..	..	..	137
1961	..	..	..	..	..	..	129
1962	..	..	..	..	..	..	187
1963	..	..	..	..	..	..	134
1964	..	..	..	..	..	..	179

Causes of Death at Different Periods of Life during 1964

Cause of Death	Sex	Total All ages	Under 4 weeks	4 weeks and under 1 year	Age in Years									
					1-	5-	15-	25-	35-	45-	55-	65-	75 and over	
Whooping Cough Other Infective and Parasitic Diseases Malignant Neoplasm, Stomach	M	1	—	1	—	—	—	—	—	—	—	—	—	—
	M	1	—	—	—	—	—	—	—	—	—	—	—	—
	M	1	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm, Lung, Bronchus Malignant Neoplasm, Breast Other Malignant and Lymphatic Neoplasms	M	5	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—
	F	4	—	—	—	—	—	—	—	—	—	—	—	—
	M	9	—	—	—	—	—	—	—	—	—	—	—	—
Leukaemia, Aleukaemia Vascular Lesions of Nervous System	F	6	—	—	—	—	—	—	—	—	—	—	—	—
	M	1	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
	M	9	—	—	—	—	—	—	—	—	—	—	—	—
Coronary Disease, Angina Hypertension with Heart Disease	F	17	—	—	—	—	—	—	—	—	—	—	—	—
	M	12	—	—	—	—	—	—	—	—	—	—	—	—
	F	9	—	—	—	—	—	—	—	—	—	—	—	—
	M	1	—	—	—	—	—	—	—	—	—	—	—	—
Other Heart Disease Other Circulatory Disease	F	2	—	—	—	—	—	—	—	—	—	—	—	—
	M	11	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
	M	3	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—

	Sex	Total All ages	under 4 weeks	4 weeks and under 1 year	Age in years								
					1-	5-	15-	25-	35-	45-	55-	65-	75 and over
					1-	5-	15-	25-	35-	45-	55-	65-	75 and over
Influenza	F	1	—	—	—	—	—	—	—	—	—	—	1
Pneumonia	M	2	—	—	—	—	—	—	—	1	1	—	—
Bronchitis	F	7	—	—	—	1	—	—	1	—	1	1	3
	M	10	—	—	1	—	—	—	—	—	1	4	4
Other Diseases of Respiratory System	F	2	—	—	—	—	—	—	—	—	—	2	—
	F	1	—	—	—	—	—	—	—	—	—	1	—
Gastritis, Enteritis and Diarrhoea	M	1	—	—	—	—	—	—	—	—	—	1	—
Nephritis and Nephrosis	F	1	—	—	—	—	—	—	—	—	—	—	1
	F	1	—	—	—	1	—	—	—	—	—	—	—
Congenital Malformations	F	1	—	—	—	—	—	—	—	—	—	—	—
Other Defined and Ill-Defined Illnesses	M	2	—	1	—	—	—	1	—	1	—	—	—
	F	4	—	—	1	—	—	—	1	—	—	—	2
Motor Vehicle Accidents	M	5	—	—	—	1	2	—	—	1	1	—	—
	F	1	—	—	1	—	—	—	—	—	—	—	—
Suicide	M	1	—	—	—	—	—	—	—	—	—	—	—
TOTAL ALL CAUSES	M	75	—	1	1	1	3	1	4	7	18	18	21
	F	64	—	1	2	—	—	—	3	4	7	14	31

INFECTIOUS DISEASES 1955—1964

Year	Erysipelas	Scarlet Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Measles	Whooping Cough	Pneumonia	Acute Poliomyelitis	Meningococcal Infection	Acute Encephalitis (Post Infectious)	Food Poisoning	Typhoid and Para-Typhoid	Dysentery	Total
1955	2	3	—	4	3	109	12	4	1	1	—	—	—	2	141
1956	3	9	—	4	1	1	17	3	—	—	—	—	—	6	44
1957	—	10	—	1	1	437	8	3	1	—	—	—	—	—	461
1958	—	12	—	6	1	28	11	3	—	—	—	1	—	9	71
1959	—	7	—	3	1	64	42	4	1	—	—	1	—	3	126
1960	—	18	—	12	1	28	25	3	1	—	—	1	—	42	131
1961	1	3	1	12	3	447	8	4	1	1	1	—	—	1	482
1962	—	8	—	6	—	24	—	1	—	—	—	—	—	—	40
1963	1	18	—	7	2	421	17	4	—	—	—	1	—	2	473
1964	—	5	—	3	1	20	29	—	—	—	—	—	1	110	169

TUBERCULOSIS

New Cases and Mortality during 1964

<i>Age Periods</i>	<i>New Cases</i>				<i>Deaths</i>			
	<i>Pulmonary</i>		<i>Non-Pulmonary</i>		<i>Pulmonary</i>		<i>Non-Pulmonary</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
Under 1	—	—	—	—	—	—	—	—
1 to 5	—	—	—	—	—	—	—	—
5 to 10	—	—	—	—	—	—	—	—
10 to 15	—	—	—	—	—	—	—	—
15 to 20	—	—	—	—	—	—	—	—
20 to 25	2	—	—	—	—	—	—	—
25 to 35	—	—	—	1	—	—	—	—
35 to 45	—	1	—	—	—	—	—	—
45 to 55	—	—	—	—	—	—	—	—
55 to 65	—	—	—	—	—	—	—	—
65 & upwards	—	—	—	—	1	—	—	—
TOTALS	2	1	—	1	1	—	—	—
Totals for previous year	4	2	—	—	2	1	1	—

The one death shown in the table for 1964 is not given in the Registrar General's figures. Primary cause of death was traced to be Coronary Thrombosis and will have been listed under that disease.

(1) Non-Notified deaths :— Pulmonary Tuberculosis .. Nil
Non-Pulmonary Tuberculosis Nil

Public Health (Prevention of Tuberculosis) Regulations 1925

Public Health Act, 1936. Section 171

No action has been necessary under the above headings.

VACCINATION AND IMMUNISATION

The following vaccinations and immunising injections have been given during the year.

Diphtheria, Whooping Cough and Tetanus	<i>Primary</i>		<i>Booster Injections</i>		<i>Total</i>	
	1964	1963	1964	1963	1964	1963
By Public Health Dept.	246	201	333	219	579	420
By General Practitioners	46	87	49	35	95	122

Smallpox Vaccination	1964	1963
By Public Health Department	173	67
By General Practitioners	39	42

Poliomyelitis Vaccination

Oral vaccine appears to be the accepted method by General Practitioners, and is the only vaccine used by the Health Department.

	1964	1963
Children born in 1964	38	—
Children born in 1963	180	23
Children born in 1962	29	197
Children born in 1961	21	23
Other Groups 1943–1960	42	36
Prior to 1942 (under 40)	9	38
3rd and 4th doses	178	184

Included in the above are 66 primary vaccinations and 17 booster doses given by private practitioners.

B.C.G. (Tuberculosis) Vaccination of Schoolchildren

	1964	1963	1962
No. of acceptances	118	114	168
No. tested	113	105	147
No. negative	81	66	67
No. positive	29	36	71
No. failed to attend after test	3	3	9
% positive to T.B. test	26.3%	35%	50%

Housing

Housing Waiting List

	1964	1963
No. of applicants	402	460
Families without separate homes	99	91
Families with separate homes	303	369
Single persons	107	41
Householders residing outside the Rural District	267	107

Housing Progress

New Council Houses occupied	48	62
Re-lets of existing houses	73	74
Houses owned by Local Authority	1111	1042
Exchange of tenancies	12	11

Housing Statistics

Number of houses erected during the year:

By Local Authority	48	52
By Private Enterprise	85	105

Houses improved by the aid of Grants

Discretionary Improvement Grants	36	15
Standard Improvement Grants	23	16

NOTTINGHAMSHIRE COUNTY COUNCIL

Health Department

Notes for the 1964 Annual Report of the Medical Officer of Health,
Newark Rural District.

Child Welfare

Five County Health Clinics are maintained in the District by the County Council :—

Balderton	Collingham	Farndon
Kilvington	Syerston	

Child Welfare Sessions are held as follows :—

Balderton, Bullpit Lane	Thursday weekly	9.30 to 12.00 and 2.0 to 4.30 p.m.
Collingham Memorial Hall	Wednesday fortnightly	2.0 to 4.30 p.m.
Farndon, Village Hall	Wednesday fortnightly	2.0 to 4.30 p.m.
Kilvington, Women's Institute	Wednesday fortnightly	2.0 to 4.30 p.m.
Syerston, R.A.F. Station	Friday fortnightly	2.0 to 4.30 p.m.

Ante-natal and post-natal cases can be seen at Balderton, Collingham, Farndon, Kilvington, and Syerston during the Medical Officer's sessions at the Child Welfare Centres.

Child Welfare Attendances

	<i>First Attendances during 1964 Children born in</i>					<i>Total Attendances Children born in</i>				
	1964	1963	1959-62	<i>A.N.</i>	<i>P.N.</i>	1964	1963	1959-62	<i>A.N.</i>	<i>P.N.</i>
Balderton	108	103	113	—	2	1370	1034	650	—	—
Collingham	28	34	69	—	—	168	427	428	—	—
Farndon	42	36	27	—	—	362	379	155	—	—
Kilvington	8	7	10	—	—	62	43	79	—	—
Syerston	38	20	52	2	—	226	201	234	—	—

Medical Consultations

	<i>Children born in</i>				
	1964	1963	1959-62	A.N.	P.N.
Balderton	152	154	87	—	2
Collingham	60	85	38	—	—
Farndon	34	36	15	—	—
Kilvington	20	19	14	—	—
Syerston	75	72	79	—	—

Home Nursing

The Home Nursing Service is provided by the Nottinghamshire Nursing Federation and Associated and Affiliated District Nursing Associations, who act on behalf of the County Council under agency arrangements.

The following are the detailed statistics relating to the work of the Association :—

	<i>No. of Nurses employed</i>	<i>No. of Visits paid</i>	<i>No. of Cases attended</i>
Balderton D.N.A.	1	2811	63
Collingham D.N.A.	1	1384	34
Thorney D.N.A.	1	1160	25
*Elston and Orston D.N.A.	3	4193	97

*Part of the Association's area is in the Bingham Rural District.

Ambulance Facilities

There are no Ambulance Stations situated in the Newark Rural District and the requirements of this area are met in the main by the vehicles and personnel of the Newark Ambulance Station.

Home Help Service

The County Council Service providing for Newark Rural District is administered from a District Office at the Town Hall, Newark, and all enquiries should be made to the District Organiser at that address – telephone number Newark 4824.

Home Helps are available throughout the area where service is required owing to the presence in the household of any person who is ill, lying-in, an expectant mother, mentally ill, aged, or a child not over compulsory school age.

The charge for the service is 4s. 6d. per hour, but where the applicant is unable to afford this amount, the County Council's Scale of Assistance is applied.

ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTOR FOR THE YEAR 1964

1. Inspection of Dwelling Houses during the year 1964.
 - (1) (a) Number of dwelling houses inspected and recorded under Housing Consolidated Regulations 4
2. Proceedings under Section 16 of the Housing Act, 1957
 - (1) Number of dwelling houses in respect of which notices were served 4
 - (2) Number of dwelling houses in respect of which demolition orders were made 1
 - (3) Number of dwelling houses demolished in pursuance of demolition orders 9
3. Proceedings under Section 42 of the Housing Act, 1957.
 - (1) Number of dwelling houses demolished in pursuance of clearance orders 5

Sewerage and Sewage Disposal

Foul sewers and joint disposal works for villages of East Stoke, Elston, Syerston were completed in December, 1964.

Public Cleansing

A weekly collection was established throughout the district by the end of 1964. Collection is by direct labour from the rear of premises. Pail closets are emptied by direct labour, and cesspools are emptied on request.

Water

86 new properties were connected to the water supply during the year.

Further extensions of water mains were carried out as follows:—

Balderton	358 yards of 4" pipes
	480 yards of 3" pipes
Barnby	104 yards of 3" pipes
Coddington	44 yards of 3" pipes

18 samples of water were taken for bacteriological examination and 1 sample for chemical analyses. All the samples were satisfactory.

The Central Notts Water Board is the Water Authority for North Collingham and all parishes south. The Northern Parishes are in the Lincoln and District Water Board area.

Part of the information has kindly been supplied by the Water Authorities.

The water is protected against contamination by chlorination; there is no plumbo-solvent action.

The position at the end of the year is set out below.

				<i>Total</i>	<i>Piped Supply</i>	
Northern Parishes:				<i>Houses</i>	<i>With</i>	<i>Without</i>
Besthorpe	..	..	..	56	52	4
Broadholme	..	..	..	34	30	4
Clifton, North	..	..	..	57	56	1
Clifton, South	..	..	..	77	71	6
Girton	..	..	..	53	37	16
Harby	..	..	..	106	101	5
Scarle, South	..	..	..	41	40	1
Spalford	..	..	..	23	22	1
Thorney	..	..	..	87	73	14
Wigsley	..	..	..	18	13	5

Southern Parishes:

Alverton	..	..	..	11	11	—
Balderton ..	..	..	..	2129	2111	18
Barnby ..	..	..	..	81	75	6
Coddington ..	..	..	..	226	218	8
Collingham, North		..	..	473	462	11
Collingham, South		..	..	219	203	16
Cotham ..	..	..	..	28	21	7
East Stoke ..	..	..	..	71	68	3
Elston ..	..	..	..	132	121	11
Farndon ..	..	..	..	595	585	10
Hawton ..	..	..	..	28	15	13
Holme ..	..	..	..	28	26	2
Kilvington ..	..	..	..	12	10	2
Langford ..	..	..	..	47	38	9
Staunton ..	..	..	..	23	21	2
Syerston ..	..	..	..	43	39	4
Thorpe ..	..	..	..	21	18	3
Winthorpe ..	..	..	..	182	173	9
				<hr/>	<hr/>	<hr/>
Totals				4901	4710	191
1963 Totals				4796	4579	195

Food and Drugs Act, 1955

Sampling under the above Act is carried out by the Nottinghamshire County Council. The following information has kindly been supplied by T. L. E. Gregory, Esq., (Chief Inspector).

Particulars of samples obtained by Officers of the Department and examined and/or analysed under the above Act in the Rural District of Newark.

<i>Articles</i>				<i>No. of Samples</i>	<i>Result</i>
Apples	..	..	..	1	Genuine
Apricots, Canned	..	..	..	1	„
Bread Mix	..	..	..	1	„
Butter	..	..	..	1	„
Cabbage	..	..	..	1	„
Coffee	..	..	..	1	„
Corn Oil	..	..	..	1	„
Demarara Sugar	..	..	..	1	„
Drinking Chocolate	..	..	..	1	„
Gin	..	..	..	2	„
Ice Cream	..	..	..	1	„
Infants Soothing Mixture	..	..	..	1	„
Instant Mashed Potato	..	..	..	1	„
Lard	..	..	..	1	„

<i>Article</i>		<i>No. of Samples</i>	<i>Genuine</i>
Lemon Cheese	.. ..	1	..
Margarine	.. ..	1	..
Milk	.. ..	37	..
Pork Pies	.. ..	1	..
Peas, Canned	.. ..	1	..
Pickle, Mixed	.. ..	1	..
Pickle, Tomato	.. ..	1	..
Prunes	.. ..	1	..
Raisins	.. ..	1	..
Rum	.. ..	2	..
Sausage Rolls	.. ..	1	..
Salad Cream	.. ..	1	..
Sauce Mixture, Onion	.. ..	1	..
Soup, Cream of Chicken	.. ..	1	..
Steak and Kidney Pies	.. ..	1	..
Stewing Steak	.. ..	1	..
Sugared Almonds	.. ..	1	..
Tomatoes	.. ..	1	..
Treacle Sponge Pudding	.. ..	1	..
Wheat Flakes	.. ..	1	..
Whisky	.. ..	7	..
		<hr/> Total 79 <hr/>	79 Genuine

The Milk (Special Designations) (Pasteurised and Sterilised) Milk Regulations

	<i>Pasteurised</i>	<i>Sterilised</i>
Samples obtained and submitted to prescribed tests, and found satisfactory	10	5

Offices, Shops and Railway Premises Act, 1963

A commencement was made in the inspection of these premises.

General Sanitation – Summary of Inspections

Public Health Act	.. ..	78
Drainage	.. ..	151
Refuse Disposal and Collection	.. ..	51
Rats and Mice	.. ..	3
Water Supply	.. ..	20
Inspection in relation to foods		
Food Premises	.. ..	68
Infectious Disease investigations	.. ..	125

Factories Acts, 1961

Prescribed particulars on the administration of the Factories Act, 1961.

Part 1 of the Act

1. Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors).

<i>Premises</i> (1)	<i>No. on Reg.</i> (2)	<i>Number of</i>		
		<i>Inspections</i> (3)	<i>Written Notices</i> (4)	<i>Occupiers Prosecuted</i> (5)
(i) Factories in which sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	1	Nil	Nil	Nil
(ii) Factories not incl. in (i) in which Section 7 is enforced by the Local Authority	26	10	1	Nil
(iii) Other premises in which section 7 is enforced by the Local Authority (excluding outworkers premises)	1	4	Nil	Nil

2. Cases in which defects were found NIL

Part VIII of the Act (OUTWORK) Sections 133 and 137

NIL

W. M. TAYLOR

Public Health Inspector

